

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ute Tribal 4-1-3-4WH				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ALTAMONT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-6388			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Newfield RMI LLC						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-823-1932				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1001 17th Street, Suite 2000, Denver, CO 80202						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		89 FNL 487 FWL		NWNW	1	3.0 S	4.0 W	U		
Top of Uppermost Producing Zone		660 FNL 660 FWL		NWNW	1	3.0 S	4.0 W	U		
At Total Depth		660 FSL 660 FWL		SWSW	1	3.0 S	4.0 W	U		
21. COUNTY DUCESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 89			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1425			26. PROPOSED DEPTH MD: 14111 TVD: 9738				
27. ELEVATION - GROUND LEVEL 5723			28. BOND NUMBER RLB00100473			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
SURF	12.25	9.625	0 - 2500	36.0	J-55 LT&C	8.3	Varocem	216	3.33	11.0
							Varocem	95	1.9	13.0
I1	8.75	7	0 - 10278	26.0	P-110 LT&C	11.5	Premium Lite High Strength	315	3.53	11.0
							50/50 Poz	397	1.24	14.3
PROD	6.125	4.5	9298 - 14111	13.5	P-110 Other	11.5	No Used	0	0.0	0.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Don Hamilton				TITLE Permitting Agent			PHONE 435 719-2018			
SIGNATURE				DATE 08/15/2012			EMAIL starpoint@etv.net			
API NUMBER ASSIGNED 43013516420000				APPROVAL Permit Manager						

Newfield Production Company
Ute Tribal 4-1-3-4WH
Surface Hole Location: 89' FNL, 487' FWL, Section1, T3S, R4W
Bottom Hole Location: 660' FSL, 660' FWL, Section1, T3S, R4W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	4,490'
Garden Gulch member	7,429'
Wasatch	10,016'
Pilot Hole TD	10,216'
Lateral TD	9,738' TVD / 14,111' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	2,181'	(water)
Green River	7,429' - 9,738'	(oil)

Note: The pilot hole will be drilled into the Wasatch formation for evaluation and targeting purposes only. The lateral will be drilled in the Green River formation.

3. Pressure Control

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" diverter

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coupl	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	STC	8.33	8.33	14	3,520	2,020	394,000
									2.12	2.54	4.38
Intermediate 7	0'	9,920'	26	P-110	BTC	11	11.5	15	9,960	6,210	853,000
		10,278'							2.13	1.26	3.19
Production 4 1/2	9,298'	9,738'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
		14,111'							2.70	2.20	6.49

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Varicem + .125 lbs/sk Cello Flakes	720	15%	11.0	3.33
				216			
Surface Tail	12 1/4	500'	Varicem + .125 lbs/sk Cello Flakes	180	15%	13.0	1.9
				95			
Pilot Hole Plug Back	8 3/4	621'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	298	15%	14.3	1.24
				241			
Intermediate Lead	8 3/4	6,429'	Premium Lite II w/ 3% KCl + 10% bentonite	1112	15%	11.0	3.53
				315			
Intermediate Tail	8 3/4	2,849'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	493	15%	14.3	1.24
				397			
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	--	--	--	--
				--			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the pilot hole plug back and the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium**Interval****Description**

Surface - 2,500'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

2,500' - TD A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.57 psi/ft gradient.

$$9,738' \times 0.57 \text{ psi/ft} = 5570 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

An 8-3/4" pilot hole will be drilled in order to determine the depth to the lateral target zone. The pilot hole will be logged, and then plugged back in preparation for horizontal operations. Directional tools will then be used to build to 92.73 degrees inclination. The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat. A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be placed 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

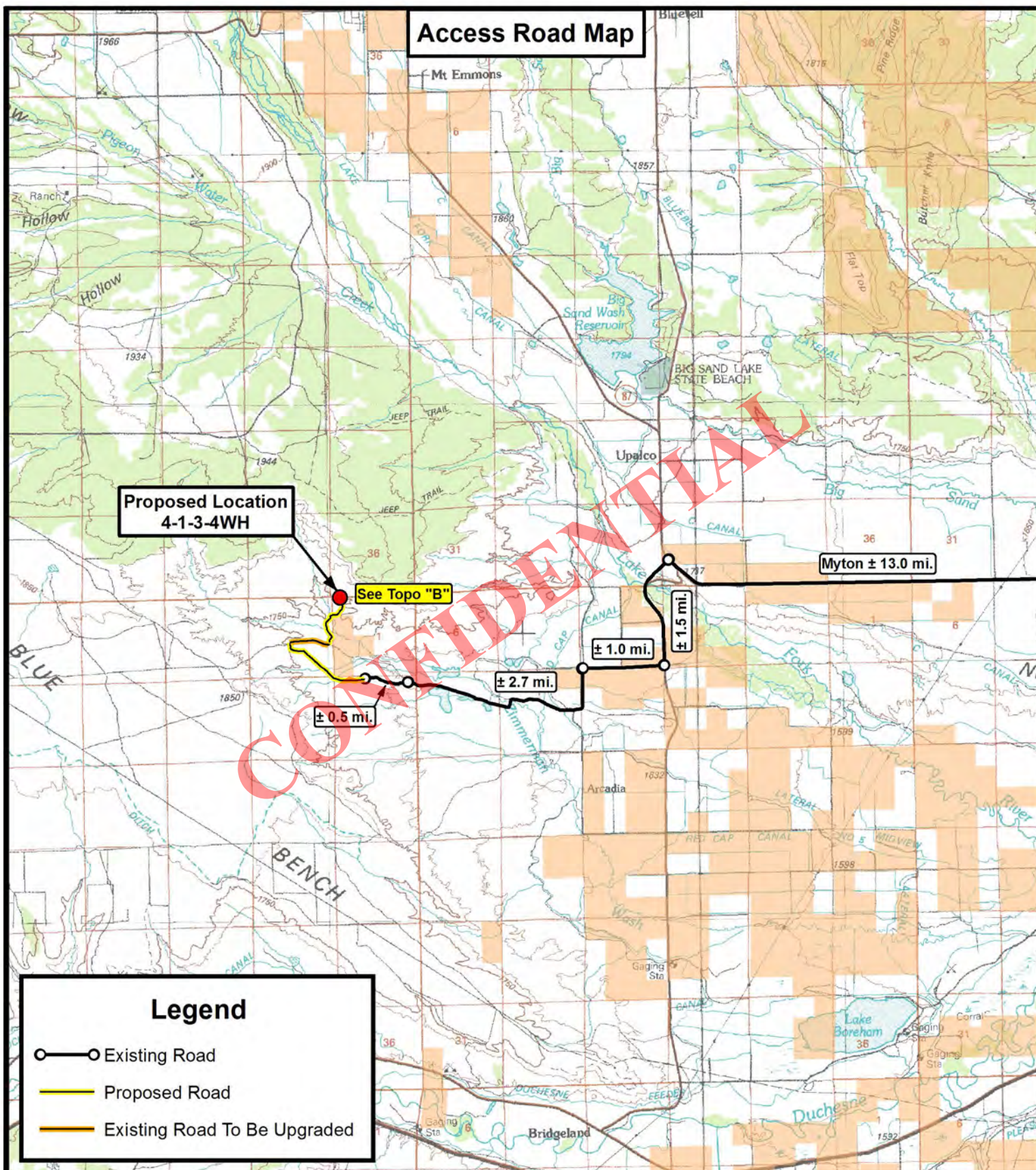
- Variance from Onshore Order #2, III.E.1

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

REGISTERED LAND SURVEYOR
REGISTRATION No. 18227
STATE OF UTAH

RECEIVED: August 15, 2012

Access Road Map



Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518

**NEWFIELD EXPLORATION COMPANY**

4-1-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	10-18-12 A.P.C.	VERSION:
DATE:	05-23-2012			V3
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET

A

Access Road Map

Proposed Location
4-1-3-4WH

CONFIDENTIAL

ALPINE
PARTNERS

Legend

- Existing Road
- Proposed Road
- Existing Road To Be Upgraded
- Culvert Required

Total Road Distances

Proposed Road	± 9,387'
Existing Road To Be Upgraded	± 2,525'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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Duchesne County, UT.

DRAWN BY: D.C.R. REVISED: 10-18-12 A.P.C. VERSION:
DATE: 05-23-2012
SCALE: 1" = 2,000'

V3

TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map

Proposed Location
4-1-3-4WH

Tie in at Proposed
Pipeline Corridor

ALPINE
PARTNERS




± 1,597'

± 3,872'

Well
5611

Zimmerman

Legend

-  Existing Road
-  Proposed Road
-  Proposed Pipeline Corridor

Total Pipeline Distances

Proposed Pipeline Corridor ± 5,469'

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NEWFIELD EXPLORATION COMPANY

4-1-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY: D.C.R. REVISED: 10-18-12 A.P.C. VERSION:

DATE: 05-23-2012

SCALE: 1" = 2,000'

V3

TOPOGRAPHIC MAP

SHEET






C1

Proposed Pipeline Map

Proposed Location
4-1-3-4WH

Tie in at Proposed
Pipeline Corridor

Legend

-  Existing Road
-  Existing Road To Be Upgraded
-  Proposed Road
-  Proposed Pipeline Corridor
-  Proposed Pipeline Future

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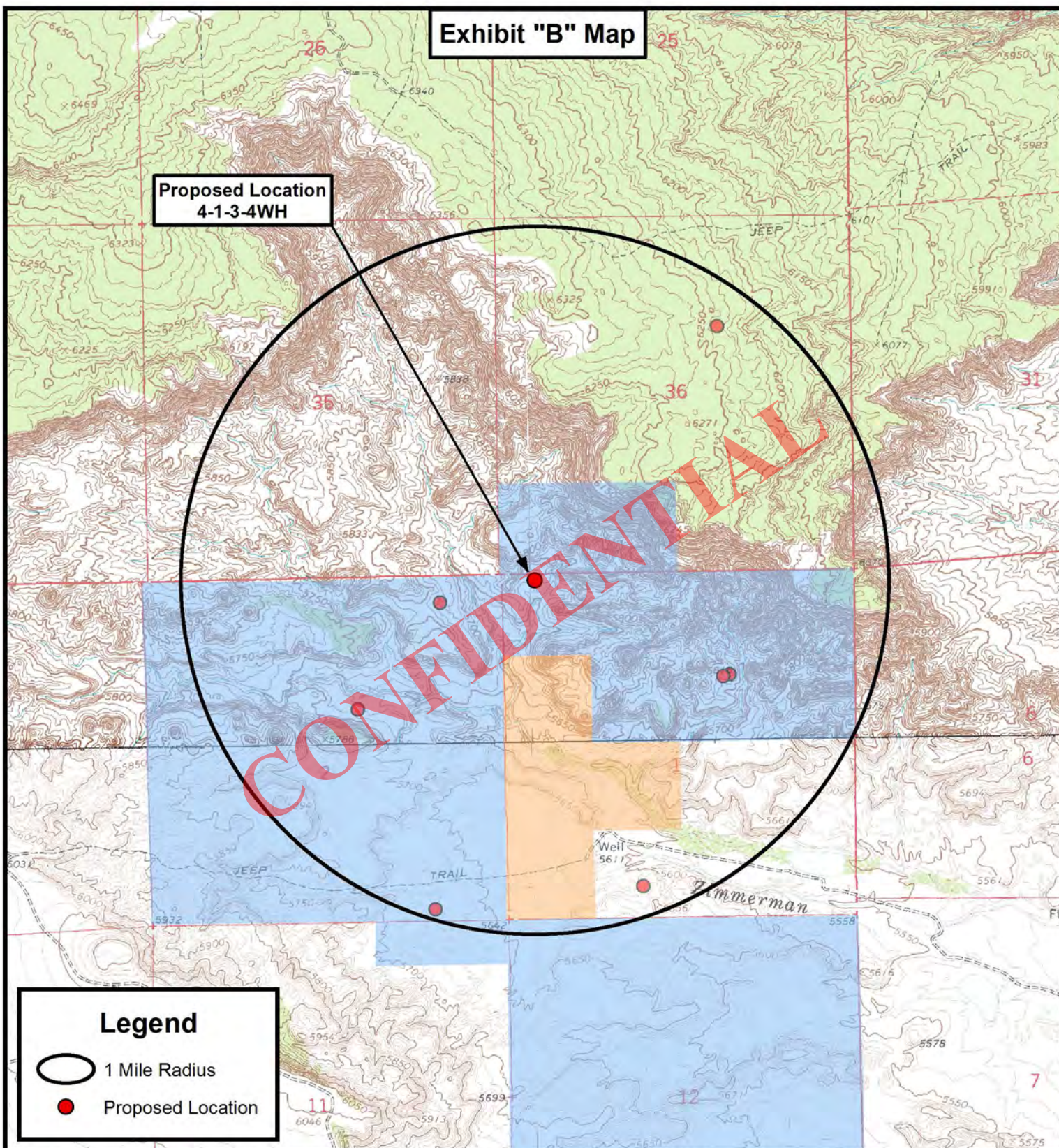
NEWFIELD EXPLORATION COMPANY

4-1-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	10-18-12 A.P.C.	VERSION:
DATE:	05-23-2012			V3
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
C2



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NEWFIELD EXPLORATION COMPANY

4-1-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	10-18-12 A.P.C.	VERSION:
DATE:	05-23-2012			V3
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET

D

Coordinate Report

[illegible]

P: (435) 781-2501
F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

4-1-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 10-18-12	A.P.C.
DATE:	09-07-2012		
VERSION:	V3		

COORDINATE REPORT

SHEET

1

RECEIVED: August 15, 2012



Weatherford®

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT

UTE TRIBAL 4-1-3-4WH

UTE TRIBAL 4-1-3-4WH

UTE TRIBAL 4-1-3-4WH

Plan: PLAN #1

Standard Planning Report

25 July, 2012

CONFIDENTIAL



Weatherford®



Project: DUCHESNE COUNTY, UT
 Site: UTE TRIBAL 4-1-3-4WH
 Well: UTE TRIBAL 4-1-3-4WH
 Wellbore: UTE TRIBAL 4-1-3-4WH
 Design: PLAN #1
 Latitude: 40° 15' 23.610 N
 Longitude: 110° 17' 31.520 W
 GL: 5723.00
 KB: KB @ 5741.00ft (Original Well Elev)



WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape Point
PBHL - UT 4-1-3-4WH	9738.00	-4396.72	233.64	40° 14' 40.159 N	110° 17' 28.507 W	
LP - UT 4-1-3-4WH	9920.50	-567.74	180.96	40° 15' 17.999 N	110° 17' 29.186 W	

WELL DETAILS: UTE TRIBAL 4-1-3-4WH

+N/-S	+E/-W	Northing	Ground Level: Easting	5723.00 Latitude	Longitude	Slot
0.00	0.00	7264454.52	1977523.52	40° 15' 23.610 N	110° 17' 31.520 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
2568.06	1.36	78.51	2568.05	0.16	0.79	2.00	78.51	-0.12	Start 6779.70 hold at 2568.06 MD
9347.76	1.36	78.51	9345.84	32.23	158.62	0.00	0.00	-23.77	Start DLS 10.00 TFO 100.63
10277.56	92.73	179.21	9920.50	-567.74	180.96	10.00	100.63	576.54	Start 3833.69 hold at 10277.56 MD
14111.25	92.73	179.21	9738.00	-4396.72	233.64	0.00	0.00	4402.92	TD at 14111.25

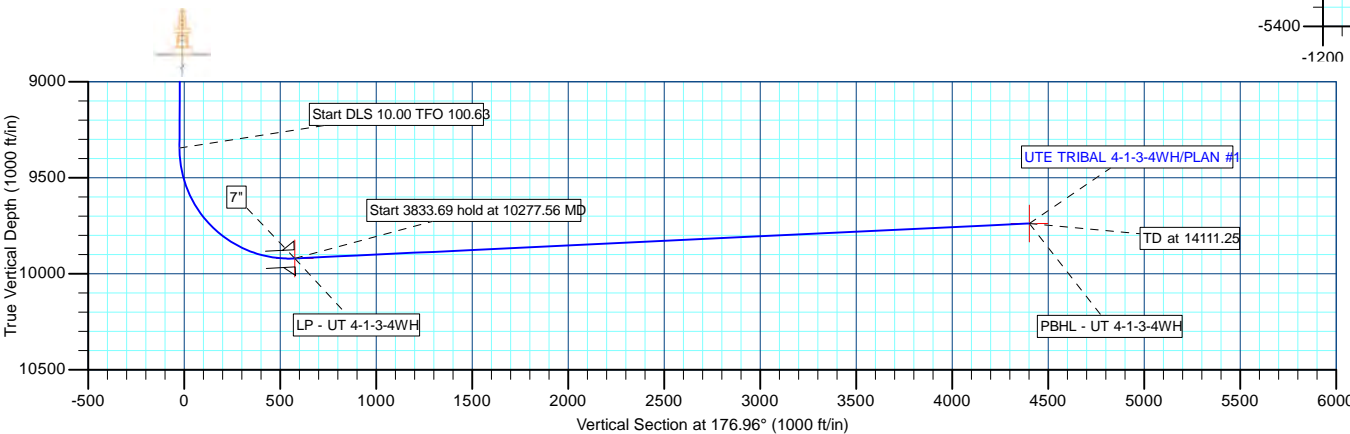
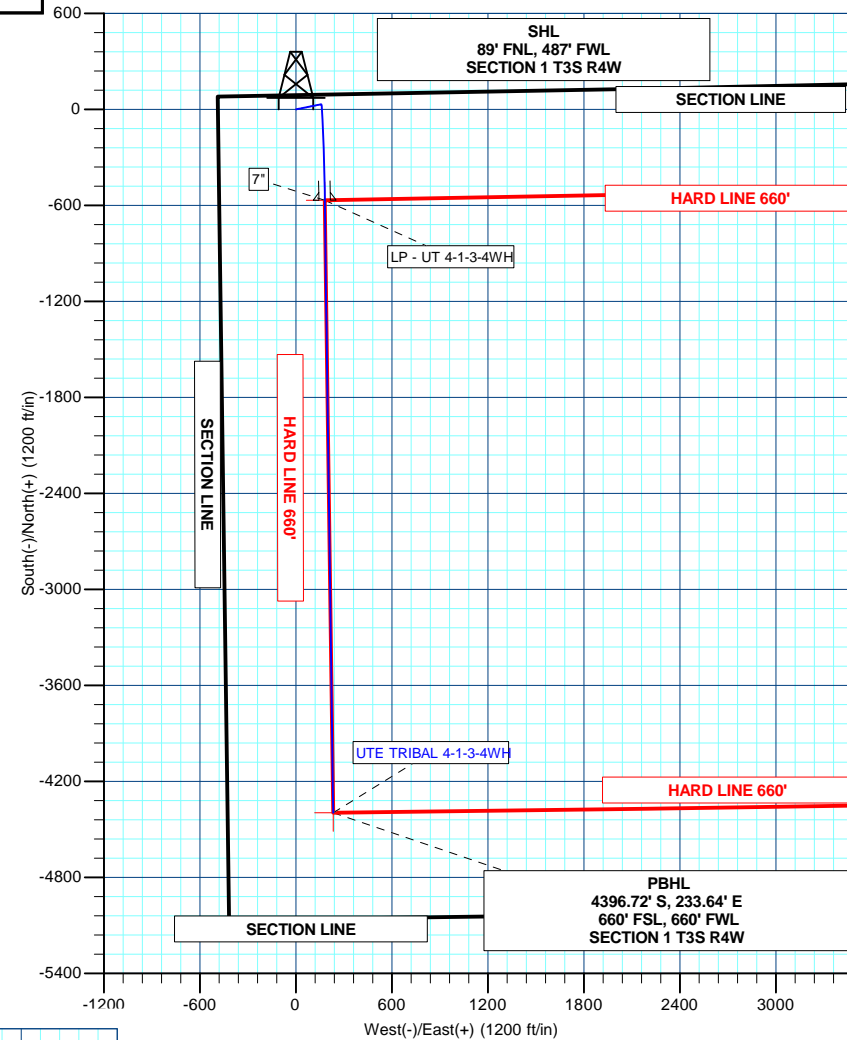
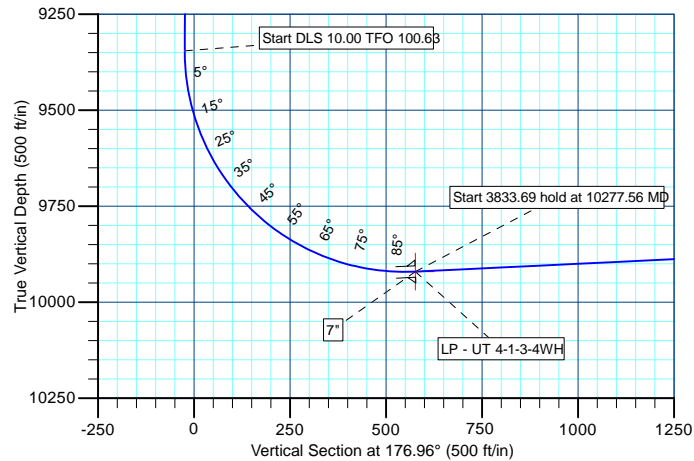


Azimuths to True North
 Magnetic North: 11.34°

Magnetic Field
 Strength: 52179.1nT
 Dip Angle: 65.87°
 Date: 7/25/2012
 Model: BGGM2011

CASING DETAILS

TVD	MD	Name	Size
9920.50	10277.56	7"	7"



Plan: PLAN #1 (UTE TRIBAL 4-1-3-4WH/UTE TRIBAL 4-1-3-4WH)

Created By: MATT MAYDEW

Date: 13:51, July 25 2012



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-3-4WH		
Design:	PLAN #1		

Project	DUCHESNE COUNTY, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	UTE TRIBAL 4-1-3-4WH			
Site Position:		Northing:	7,264,454.52 usft	Latitude: 40° 15' 23.610 N
From:	Lat/Long	Easting:	1,977,523.52 usft	Longitude: 110° 17' 31.520 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16"	Grid Convergence: 0.77 °

Well	UTE TRIBAL 4-1-3-4WH			
Well Position	+N/-S	0.00 ft	Northing:	7,264,454.52 usft
	+E/-W	0.00 ft	Easting:	1,977,523.52 usft
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft
			Ground Level:	5,723.00 ft

Wellbore	UTE TRIBAL 4-1-3-4WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2011	7/25/2012	11.33	65.87	52,179

Design	PLAN #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	176.96

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,568.06	1.36	78.51	2,568.05	0.16	0.79	2.00	2.00	0.00	78.51	
9,347.76	1.36	78.51	9,345.84	32.23	158.62	0.00	0.00	0.00	0.00	
10,277.56	92.73	179.21	9,920.50	-567.74	180.96	10.00	9.83	10.83	100.63	LP - UT 4-1-3-4WH
14,111.25	92.73	179.21	9,738.00	-4,396.72	233.64	0.00	0.00	0.00	0.00	PBHL - UT 4-1-3-4WH



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-3-4WH		
Design:	PLAN #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start 6779.70 hold at 2568.06 MD									
2,568.06	1.36	78.51	2,568.05	0.16	0.79	-0.12	2.00	2.00	0.00
2,600.00	1.36	78.51	2,599.98	0.31	1.54	-0.23	0.00	0.00	0.00
2,700.00	1.36	78.51	2,699.96	0.79	3.86	-0.58	0.00	0.00	0.00
2,800.00	1.36	78.51	2,799.93	1.26	6.19	-0.93	0.00	0.00	0.00
2,900.00	1.36	78.51	2,899.90	1.73	8.52	-1.28	0.00	0.00	0.00
3,000.00	1.36	78.51	2,999.87	2.20	10.85	-1.63	0.00	0.00	0.00
3,100.00	1.36	78.51	3,099.84	2.68	13.18	-1.97	0.00	0.00	0.00
3,200.00	1.36	78.51	3,199.82	3.15	15.50	-2.32	0.00	0.00	0.00
3,300.00	1.36	78.51	3,299.79	3.62	17.83	-2.67	0.00	0.00	0.00
3,400.00	1.36	78.51	3,399.76	4.10	20.16	-3.02	0.00	0.00	0.00
3,500.00	1.36	78.51	3,499.73	4.57	22.49	-3.37	0.00	0.00	0.00
3,600.00	1.36	78.51	3,599.70	5.04	24.81	-3.72	0.00	0.00	0.00
3,700.00	1.36	78.51	3,699.67	5.52	27.14	-4.07	0.00	0.00	0.00
3,800.00	1.36	78.51	3,799.65	5.99	29.47	-4.42	0.00	0.00	0.00
3,900.00	1.36	78.51	3,899.62	6.46	31.80	-4.76	0.00	0.00	0.00
4,000.00	1.36	78.51	3,999.59	6.93	34.13	-5.11	0.00	0.00	0.00
4,100.00	1.36	78.51	4,099.56	7.41	36.45	-5.46	0.00	0.00	0.00
4,200.00	1.36	78.51	4,199.53	7.88	38.78	-5.81	0.00	0.00	0.00
4,300.00	1.36	78.51	4,299.50	8.35	41.11	-6.16	0.00	0.00	0.00
4,400.00	1.36	78.51	4,399.48	8.83	43.44	-6.51	0.00	0.00	0.00
4,500.00	1.36	78.51	4,499.45	9.30	45.77	-6.86	0.00	0.00	0.00
4,600.00	1.36	78.51	4,599.42	9.77	48.09	-7.21	0.00	0.00	0.00
4,700.00	1.36	78.51	4,699.39	10.25	50.42	-7.56	0.00	0.00	0.00
4,800.00	1.36	78.51	4,799.36	10.72	52.75	-7.90	0.00	0.00	0.00
4,900.00	1.36	78.51	4,899.34	11.19	55.08	-8.25	0.00	0.00	0.00
5,000.00	1.36	78.51	4,999.31	11.66	57.41	-8.60	0.00	0.00	0.00



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-3-4WH		
Design:	PLAN #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.00	1.36	78.51	5,099.28	12.14	59.73	-8.95	0.00	0.00	0.00
5,200.00	1.36	78.51	5,199.25	12.61	62.06	-9.30	0.00	0.00	0.00
5,300.00	1.36	78.51	5,299.22	13.08	64.39	-9.65	0.00	0.00	0.00
5,400.00	1.36	78.51	5,399.19	13.56	66.72	-10.00	0.00	0.00	0.00
5,500.00	1.36	78.51	5,499.17	14.03	69.04	-10.35	0.00	0.00	0.00
5,600.00	1.36	78.51	5,599.14	14.50	71.37	-10.69	0.00	0.00	0.00
5,700.00	1.36	78.51	5,699.11	14.98	73.70	-11.04	0.00	0.00	0.00
5,800.00	1.36	78.51	5,799.08	15.45	76.03	-11.39	0.00	0.00	0.00
5,900.00	1.36	78.51	5,899.05	15.92	78.36	-11.74	0.00	0.00	0.00
6,000.00	1.36	78.51	5,999.03	16.39	80.68	-12.09	0.00	0.00	0.00
6,100.00	1.36	78.51	6,099.00	16.87	83.01	-12.44	0.00	0.00	0.00
6,200.00	1.36	78.51	6,198.97	17.34	85.34	-12.79	0.00	0.00	0.00
6,300.00	1.36	78.51	6,298.94	17.81	87.67	-13.14	0.00	0.00	0.00
6,400.00	1.36	78.51	6,398.91	18.29	90.00	-13.49	0.00	0.00	0.00
6,500.00	1.36	78.51	6,498.88	18.76	92.32	-13.83	0.00	0.00	0.00
6,600.00	1.36	78.51	6,598.86	19.23	94.65	-14.18	0.00	0.00	0.00
6,700.00	1.36	78.51	6,698.83	19.71	96.98	-14.53	0.00	0.00	0.00
6,800.00	1.36	78.51	6,798.80	20.18	99.31	-14.88	0.00	0.00	0.00
6,900.00	1.36	78.51	6,898.77	20.65	101.63	-15.23	0.00	0.00	0.00
7,000.00	1.36	78.51	6,998.74	21.12	103.96	-15.58	0.00	0.00	0.00
7,100.00	1.36	78.51	7,098.71	21.60	106.29	-15.93	0.00	0.00	0.00
7,200.00	1.36	78.51	7,198.69	22.07	108.62	-16.28	0.00	0.00	0.00
7,300.00	1.36	78.51	7,298.66	22.54	110.95	-16.62	0.00	0.00	0.00
7,400.00	1.36	78.51	7,398.63	23.02	113.27	-16.97	0.00	0.00	0.00
7,500.00	1.36	78.51	7,498.60	23.49	115.60	-17.32	0.00	0.00	0.00
7,600.00	1.36	78.51	7,598.57	23.96	117.93	-17.67	0.00	0.00	0.00
7,700.00	1.36	78.51	7,698.55	24.44	120.26	-18.02	0.00	0.00	0.00
7,800.00	1.36	78.51	7,798.52	24.91	122.59	-18.37	0.00	0.00	0.00
7,900.00	1.36	78.51	7,898.49	25.38	124.91	-18.72	0.00	0.00	0.00
8,000.00	1.36	78.51	7,998.46	25.86	127.24	-19.07	0.00	0.00	0.00
8,100.00	1.36	78.51	8,098.43	26.33	129.57	-19.42	0.00	0.00	0.00
8,200.00	1.36	78.51	8,198.40	26.80	131.90	-19.76	0.00	0.00	0.00
8,300.00	1.36	78.51	8,298.38	27.27	134.23	-20.11	0.00	0.00	0.00
8,400.00	1.36	78.51	8,398.35	27.75	136.55	-20.46	0.00	0.00	0.00
8,500.00	1.36	78.51	8,498.32	28.22	138.88	-20.81	0.00	0.00	0.00
8,600.00	1.36	78.51	8,598.29	28.69	141.21	-21.16	0.00	0.00	0.00
8,700.00	1.36	78.51	8,698.26	29.17	143.54	-21.51	0.00	0.00	0.00
8,800.00	1.36	78.51	8,798.24	29.64	145.86	-21.86	0.00	0.00	0.00
8,900.00	1.36	78.51	8,898.21	30.11	148.19	-22.21	0.00	0.00	0.00
9,000.00	1.36	78.51	8,998.18	30.59	150.52	-22.55	0.00	0.00	0.00
9,100.00	1.36	78.51	9,098.15	31.06	152.85	-22.90	0.00	0.00	0.00
9,200.00	1.36	78.51	9,198.12	31.53	155.18	-23.25	0.00	0.00	0.00
9,300.00	1.36	78.51	9,298.09	32.00	157.50	-23.60	0.00	0.00	0.00
Start DLS 10.00 TFO 100.63									
9,347.76	1.36	78.51	9,345.84	32.23	158.62	-23.77	0.00	0.00	0.00
9,350.00	1.34	88.00	9,348.08	32.24	158.67	-23.77	10.00	-1.03	422.82
9,400.00	5.15	164.13	9,398.00	30.10	159.87	-21.57	10.00	7.62	152.25
9,450.00	10.06	171.59	9,447.55	23.61	161.12	-15.03	10.00	9.82	14.91
9,500.00	15.03	174.16	9,496.34	12.84	162.42	-4.20	10.00	9.94	5.15
9,550.00	20.02	175.47	9,544.01	-2.15	163.76	10.84	10.00	9.97	2.63
9,600.00	25.01	176.28	9,590.18	-21.24	165.12	29.97	10.00	9.98	1.61
9,650.00	30.00	176.83	9,634.52	-44.28	166.50	53.06	10.00	9.99	1.10
9,700.00	35.00	177.24	9,676.67	-71.10	167.88	79.91	10.00	9.99	0.81
9,750.00	39.99	177.55	9,716.33	-101.50	169.26	110.33	10.00	9.99	0.63



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-3-4WH		
Design:	PLAN #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,800.00	44.99	177.81	9,753.19	-135.23	170.62	144.09	10.00	9.99	0.51
9,850.00	49.99	178.02	9,786.97	-172.05	171.96	180.93	10.00	9.99	0.43
9,900.00	54.98	178.21	9,817.41	-211.68	173.26	220.57	10.00	10.00	0.37
9,950.00	59.98	178.37	9,844.27	-253.81	174.51	262.71	10.00	10.00	0.33
10,000.00	64.98	178.52	9,867.37	-298.12	175.71	307.02	10.00	10.00	0.30
10,050.00	69.98	178.66	9,886.51	-344.28	176.84	353.18	10.00	10.00	0.27
10,100.00	74.98	178.79	9,901.56	-391.93	177.90	400.82	10.00	10.00	0.26
10,150.00	79.98	178.91	9,912.40	-440.72	178.88	449.59	10.00	10.00	0.25
10,200.00	84.97	179.03	9,918.95	-490.26	179.77	499.11	10.00	10.00	0.24
10,250.00	89.97	179.15	9,921.15	-540.19	180.57	549.01	10.00	10.00	0.23
Start 3833.69 hold at 10277.56 MD - 7" - LP - UT 4-1-3-4WH									
10,277.56	92.73	179.21	9,920.50	-567.74	180.96	576.54	10.00	10.00	0.23
10,300.00	92.73	179.21	9,919.43	-590.15	181.27	598.94	0.00	0.00	0.00
10,400.00	92.73	179.21	9,914.67	-690.03	182.64	698.75	0.00	0.00	0.00
10,500.00	92.73	179.21	9,909.91	-789.90	184.02	798.56	0.00	0.00	0.00
10,600.00	92.73	179.21	9,905.15	-889.78	185.39	898.37	0.00	0.00	0.00
10,700.00	92.73	179.21	9,900.39	-989.66	186.76	998.18	0.00	0.00	0.00
10,800.00	92.73	179.21	9,895.63	-1,089.54	188.14	1,097.98	0.00	0.00	0.00
10,900.00	92.73	179.21	9,890.87	-1,189.41	189.51	1,197.79	0.00	0.00	0.00
11,000.00	92.73	179.21	9,886.11	-1,289.29	190.89	1,297.60	0.00	0.00	0.00
11,100.00	92.73	179.21	9,881.35	-1,389.17	192.26	1,397.41	0.00	0.00	0.00
11,200.00	92.73	179.21	9,876.59	-1,489.04	193.64	1,497.22	0.00	0.00	0.00
11,300.00	92.73	179.21	9,871.83	-1,588.92	195.01	1,597.03	0.00	0.00	0.00
11,400.00	92.73	179.21	9,867.07	-1,688.80	196.38	1,696.84	0.00	0.00	0.00
11,500.00	92.73	179.21	9,862.31	-1,788.68	197.76	1,796.65	0.00	0.00	0.00
11,600.00	92.73	179.21	9,857.55	-1,888.55	199.13	1,896.46	0.00	0.00	0.00
11,700.00	92.73	179.21	9,852.79	-1,988.43	200.51	1,996.27	0.00	0.00	0.00
11,800.00	92.73	179.21	9,848.03	-2,088.31	201.88	2,096.08	0.00	0.00	0.00
11,900.00	92.73	179.21	9,843.27	-2,188.19	203.25	2,195.89	0.00	0.00	0.00
12,000.00	92.73	179.21	9,838.50	-2,288.06	204.63	2,295.70	0.00	0.00	0.00
12,100.00	92.73	179.21	9,833.74	-2,387.94	206.00	2,395.51	0.00	0.00	0.00
12,200.00	92.73	179.21	9,828.98	-2,487.82	207.38	2,495.32	0.00	0.00	0.00
12,300.00	92.73	179.21	9,824.22	-2,587.69	208.75	2,595.13	0.00	0.00	0.00
12,400.00	92.73	179.21	9,819.46	-2,687.57	210.13	2,694.93	0.00	0.00	0.00
12,500.00	92.73	179.21	9,814.70	-2,787.45	211.50	2,794.74	0.00	0.00	0.00
12,600.00	92.73	179.21	9,809.94	-2,887.33	212.87	2,894.55	0.00	0.00	0.00
12,700.00	92.73	179.21	9,805.18	-2,987.20	214.25	2,994.36	0.00	0.00	0.00
12,800.00	92.73	179.21	9,800.42	-3,087.08	215.62	3,094.17	0.00	0.00	0.00
12,900.00	92.73	179.21	9,795.66	-3,186.96	217.00	3,193.98	0.00	0.00	0.00
13,000.00	92.73	179.21	9,790.90	-3,286.83	218.37	3,293.79	0.00	0.00	0.00
13,100.00	92.73	179.21	9,786.14	-3,386.71	219.74	3,393.60	0.00	0.00	0.00
13,200.00	92.73	179.21	9,781.38	-3,486.59	221.12	3,493.41	0.00	0.00	0.00
13,300.00	92.73	179.21	9,776.62	-3,586.47	222.49	3,593.22	0.00	0.00	0.00
13,400.00	92.73	179.21	9,771.86	-3,686.34	223.87	3,693.03	0.00	0.00	0.00
13,500.00	92.73	179.21	9,767.10	-3,786.22	225.24	3,792.84	0.00	0.00	0.00
13,600.00	92.73	179.21	9,762.34	-3,886.10	226.61	3,892.65	0.00	0.00	0.00
13,700.00	92.73	179.21	9,757.58	-3,985.97	227.99	3,992.46	0.00	0.00	0.00
13,800.00	92.73	179.21	9,752.82	-4,085.85	229.36	4,092.27	0.00	0.00	0.00
13,900.00	92.73	179.21	9,748.06	-4,185.73	230.74	4,192.08	0.00	0.00	0.00
14,000.00	92.73	179.21	9,743.30	-4,285.61	232.11	4,291.88	0.00	0.00	0.00
14,100.00	92.73	179.21	9,738.54	-4,385.48	233.49	4,391.69	0.00	0.00	0.00
TD at 14111.25 - PBHL - UT 4-1-3-4WH									
14,111.25	92.73	179.21	9,738.00	-4,396.72	233.64	4,402.92	0.00	0.00	0.00



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-3-4WH		
Design:	PLAN #1		

Design Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL - UT 4-1-3-4WH - plan hits target center - Point	0.00	0.00	9,738.00	-4,396.72	233.64	7,260,061.37	1,977,816.51	40° 14' 40.159 N	110° 17' 28.507 W
LP - UT 4-1-3-4WH - plan hits target center - Point	0.00	0.00	9,920.50	-567.74	180.96	7,263,889.28	1,977,712.13	40° 15' 17.999 N	110° 17' 29.186 W

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
10,277.56	9,920.50	7"	7	8-3/4

Plan Annotations

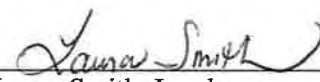
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,500.00	2,500.00	0.00	0.00	Start Build 2.00
2,568.06	2,568.05	0.16	0.79	Start 6779.70 hold at 2568.06 MD
9,347.76	9,345.84	32.23	158.62	Start DLS 10.00 TFO 100.63
10,277.56	9,920.50	-567.74	180.96	Start 3833.69 hold at 10277.56 MD
14,111.25	9,738.00	-4,396.72	233.64	TD at 14111.25

AFFIDAVIT OF SURFACE OWNERSHIP AND SURFACE USE

Laura Smith personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Laura Smith. I am a Landman for Newfield RMI LLC ("Newfield RMI"), whose address is 1001 17th Street, Suite 2000, Denver, CO 80202.
2. Pursuant to that certain Special Warranty Deed dated June 20, 2012 from Alpine Partners, a Utah General Partnership, to Newfield RMI, recorded in Book A649, Page 533, and Document # 446789 of the official records of Duchesne County, Utah. Newfield RMI is the surface owner of the lands described on the attached Exhibit "A".
3. Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202, is the Operator of the proposed wells listed on Exhibit "B".
4. Newfield Production Company has the right to construct and operate the necessary easements, rights-of-way, drillsites and wells that are located on the lands described on the attached Exhibit "A".

FURTHER AFFIANT SAYETH NOT.



Laura Smith, Landman

ACKNOWLEDGEMENT

STATE OF COLORADO §
CITY AND §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 3rd day of July, 2012, personally appeared Laura Smith, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.



NOTARY PUBLIC

My Commission Expires:

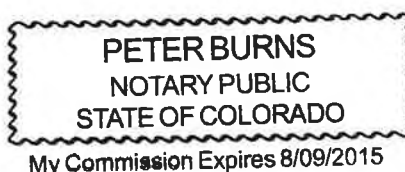


Exhibit "A"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 3rd day of July, 2012.

The Lands included in the Affidavit of Surface Ownership are further described as follows:

The "Lands"

Township 2 South, Range 3 West (980.00 acres)

Section 29: S½SW, NESW

Section 31: S½, S½NE

Section 32: W½, SWNE, W½SE, S½SESE

Township 2 South, Range 4 West (740.00 acres)

Section 34: S½SESW, SE

Section 35: S½, NE

Section 36: S½SW

Township 3 South, Range 3 West (2,277.87 acres)

Section 5: N½NE, NW, N½SW, SWSW, W½SESW

Section 6: All

Section 7: All

Section 8: W½W½SW, N½NW, Beginning at the West quarter corner of said Section 8; thence North 0°38'46" West 1,318.41 feet to the Northwest corner of the South half of the Northwest quarter; thence North 88°13'17" East 2,650.54 feet, to the Northeast quarter of the South half of the Northwest quarter; thence South 0°55'29" East 662.49 feet, to the Southeast corner of the Northeast quarter of the Southeast quarter of the Northwest quarter; thence North 85°22' West 1,871.00 feet; thence South 11°25' West 605.62 feet; thence South 0°41'34" East 276.77 feet to the Southeast corner of the Southwest quarter of the Southwest quarter of the Northwest quarter; thence South 88°21'56" West 664.21 feet, to the point of beginning.

Section 17: N½NWNW, SWNWNW

Section 18: NENW, NE, E½SE, E½SW, E½NWSW, S½NW

Township 3 South, Range 4 West (2,680.36 acres)

Section 1: N½N½, SENW, S½NE, SE, SESW

Section 2: All

Section 3: N½N½, SENW, S½NE, NWSE, N½NESE

Section 11: N½NW, NE, SENW

Section 12: All

Section 13: N½

LESS AND EXCEPT that certain tract of land referred to as the "Oil Pond" consisting of approximately 24.17 acres m/l, and further described as follows:

Commencing at the Southeast corner of Section 7, Township 3 South, Range 3 West of the Uintah Special Base and Meridian; thence North 0°36'34" West 1724.05 feet along the East line of said section; thence West 159.51 feet to the True point of beginning; thence running South 8°57'49" West 758.59 feet; thence South 87°13'57" West 479.90 feet; thence North 48°33'06" West 398.50 feet; thence South 82°50'37" West 321.82 feet; thence North 49°00'01" West 358.70 feet; thence North 49°50'42" East 306.66 feet; thence North 45°33'40" East 727.75 feet; thence South 61°36'00" East 830.71 feet to the True point of beginning.

Covering approximately 6,678.23 acres of land, more or less, in Duchesne County, Utah.

Exhibit "B"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 3rd day of July, 2012.

The Wells included in the Affidavit of Surface Ownership and Surface Use are further described as follows:

UT 1-18-3-3WH

Drillsite located in the NENE of Section 18, Township 3 South, Range 3 West, with a bottom hole location in the SESE of Section 18, Township 3 South, Range 3 West, Duchesne County, Utah.

Lois 9-34-2-4W

Drillsite located in the NESE of Section 34, Township 2 South, Range 4 West, Duchesne County, Utah.

UT 1-2-3-4WH

Drillsite located in the NENE of Section 2, Township 3 South, Range 4 West, and a bottom hole location in the SESE of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 1-6-3-3WH

Drillsite located in both the NENE of Section 6, Township 3 South, Range 3 West and the NWNE of Section 6, Township 3 South, Range 3 West, with a bottom hole location in the SESE of Section 6 Township 3 South, Range 3 West, Duchesne County, Utah.

UT 1-11-3-4WH

Drillsite located in the SESE of Section 2, Township 3 South, Range 4 West, with a well bore point of entry in the NENE of Section 11, Township 3 South, Range 4 West and a bottom hole location in the SESE of Section 11, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 1-12-3-4WH

Drillsite located in the NWNE of Section 12, Township 3 South, Range 4 West, with a wellbore point of entry in the NENE of Section 12, Township 3 South, Range 4 West, and a bottom hole location in the SESE of Section 12, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-1-3-4WH

Drillsite located in both the NWNW of Section 1, Township 3 South, Range 4 West, and the SWSW of Section 36, Township 2 South, Range 4 West, with a bottom hole location in the SWSW of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-2-3-4WH

Drillsite located in the NWNW of Section 2, Township 3 South, Range 4 West, with a bottom hole location in the SWSW of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-5-3-3WH

Drillsite located in the NWNW of Section 5, Township 3 South, Range 3 West, with a bottom hole location in the SWSW of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-6-3-3WH

Drillsite located in both the NENW of Section 6, Township 3 South, Range 3 West, and the NWNW of Section 6, Township 3 South, Range 3 West, with a well bore point of entry in the NWNW of Section 6, Township 3 South, Range 3 West, and a bottom hole location in the SWSW of Section 6, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-32-2-3WH

Drillsite located in both the NWNW of Section 32, Township 2 South, Range 3 West, and the SWSW of Section 29, Township 2 South, Range 3 West, with a well bore point of entry in the NWNW of Section 32, Township 2 South, Range 3 West, and a bottom hole location in the SWSW of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

Exhibit "B" continued

UT 7-1-3-4W

Drillsite located in the SWNE of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-2-3-4W

Drillsite located in the SWNE of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-6-3-3W

Drillsite located in the SWNE of Section 6, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 10-31-2-3W

Drillsite located in both the NWSE of Section 31, Township 2 South, Range 3 West, and the SWNE of Section 31, Township 2 South, Range 3 West, with a bottom hole location in the NWSE of Section 31, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 7-32-2-3W

Drillsite located in both the SENW of Section 32, Township 2 South, Range 3 West, and the SWNE of Section 32, Township 2 South, Range 3 West, with a bottom hole location in the SWNE of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 12-7-3-3W

Drillsite located in both the SWNW of Section 7, Township 3 South, Range 3 West, and the NWSW of Section 7, Township 3 South, Range 3 West, with a bottom hole location in the NWSW of Section 7, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 13-31-2-3W

Drillsite located in the SWSW of Section 31, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 14-1-3-4W

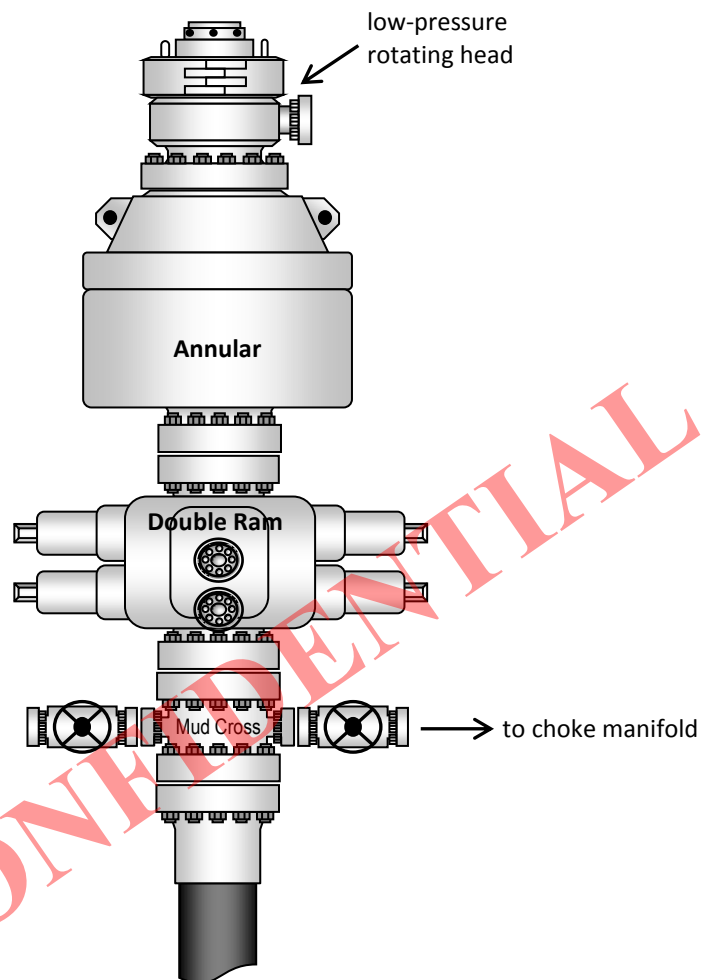
Drillsite located in the SESW of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 14-2-3-4W

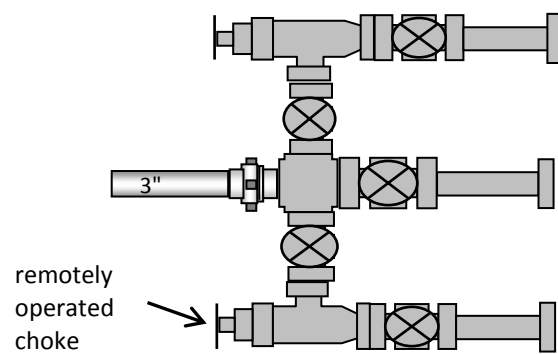
Drillsite located in the SESW of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

CONFIDENTIAL

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration





August 14, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Ute Tribal 4-1-3-4WH**
Section 1, T3S, R4W
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Ute Tribal 4-1-3-4WH from a surface location of 89' FNL & 487' FWL of Section 1, T3S, R4W. Newfield shall case and cement the Ute Tribal 4-1-3-4WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL & 660' FWL of Section 1, T3S, R4W. The cased and cemented portion of the wellbore shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

The proposed horizontal lateral of the Ute Tribal 4-1-3-4WH shall be drilled from north to south along the 660' FWL of Section 1 legal setback. In the event the horizontal lateral drifts west, this letter shall serve as consent to the exception location. Newfield and its partners own 100% of the western offset drilling and spacing unit (Section 2, T3S, R4W).

Due to these circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Ute Tribal 4-1-3-4WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4496 or by email at laurasmith@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Laura B. Smith".

Laura B. Smith
Land Lead

NEWFIELD EXPLORATION COMPANY**WELL PAD INTERFERENCE PLAT****4-1-3-4WH**

Pad Location: NWNW (Lot 4) Section 1, T3S, R4W, U.S.B.&M.


LATITUDE & LONGITUDE
 Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
4-1-3-4WH	40° 15' 23.61"	110° 17' 31.52"

Section Line

Sec. 36, T2S, R4W**Sec. 1, T3S, R4W****TOP HOLE FOOTAGES**

4-1-3-4WH

89' FNL & 487' FWL

**TOP OF PRODUCING
INTERVAL FOOTAGES**

4-1-3-4WH

660' FNL & 660' FWL

4-1-3-4WH

Proposed Pit

LATITUDE & LONGITUDE
 Top of Producing Interval (NAD 83)

WELL	LATITUDE	LONGITUDE
4-1-3-4WH	40° 15' 17.99"	110° 17' 29.28"

BOTTOM HOLE FOOTAGES

4-1-3-4WH

660' FSL & 660' FWL

Note:Bearings are based
on GPS Observations.
RELATIVE COORDINATES
 From Top Hole to Bottom Hole

WELL	NORTH	EAST
4-1-3-4WH	-4,400'	234'

LATITUDE & LONGITUDE
 Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
4-1-3-4WH	40° 14' 40.12"	110° 17' 29.27"

SURVEYED BY: M.C.

DATE SURVEYED: 05-11-12

VERSION:

DRAWN BY: R.B.T.

DATE DRAWN: 05-23-12

V3

SCALE: 1" = 60'

REVISED: F.T.M. 10-18-12

Tri State
 Land Surveying, Inc.

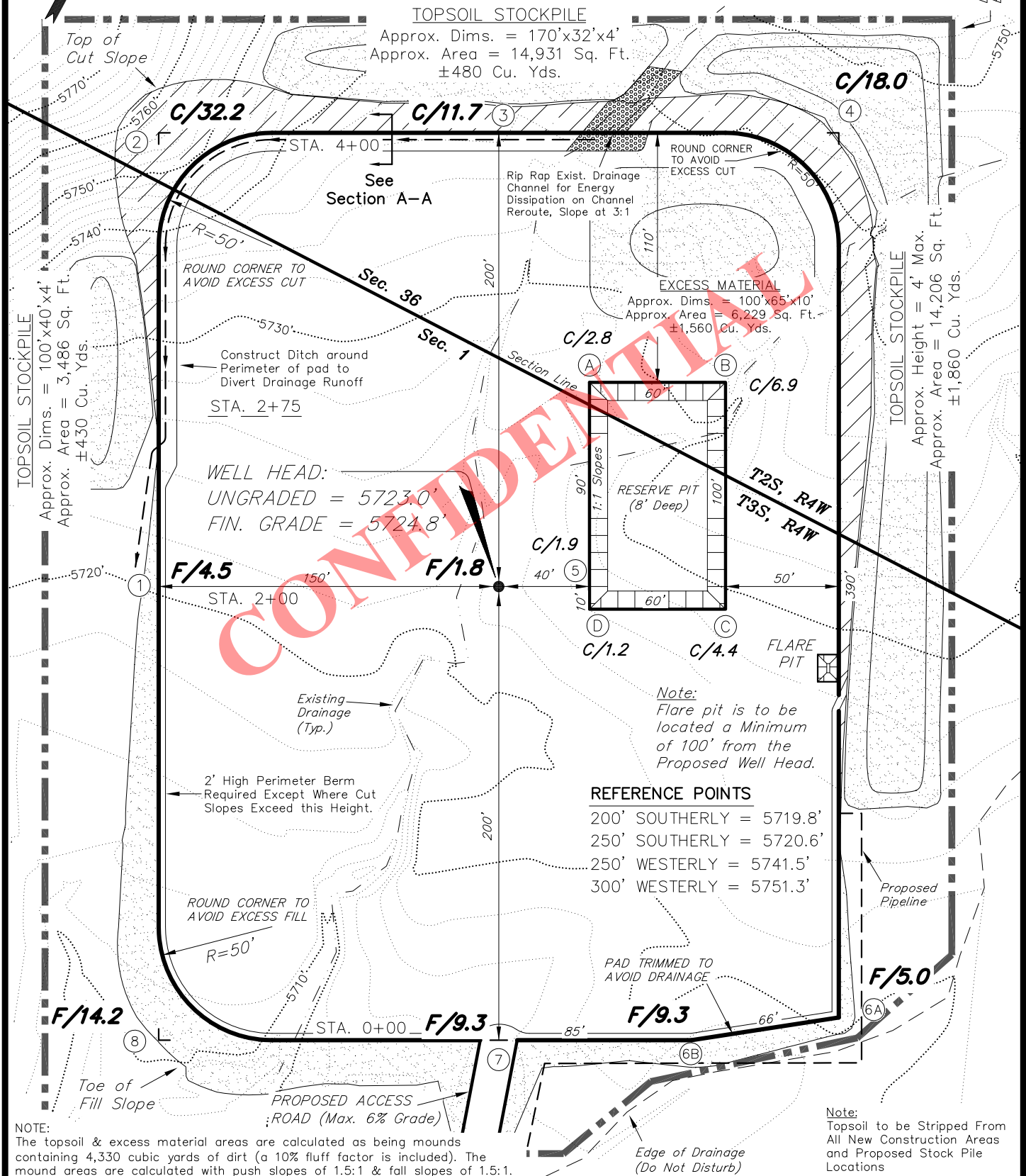
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: August 15, 2012

NEWFIELD EXPLORATION COMPANY**PROPOSED LOCATION LAYOUT****4-1-3-4WH**

Pad Location: NWNW (Lot 4) Section 1, T3S, R4W, U.S.B.&M.



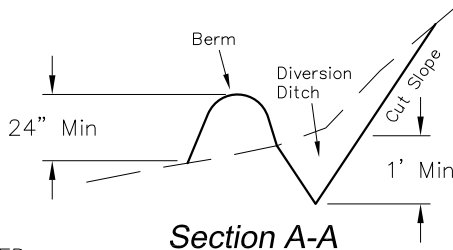
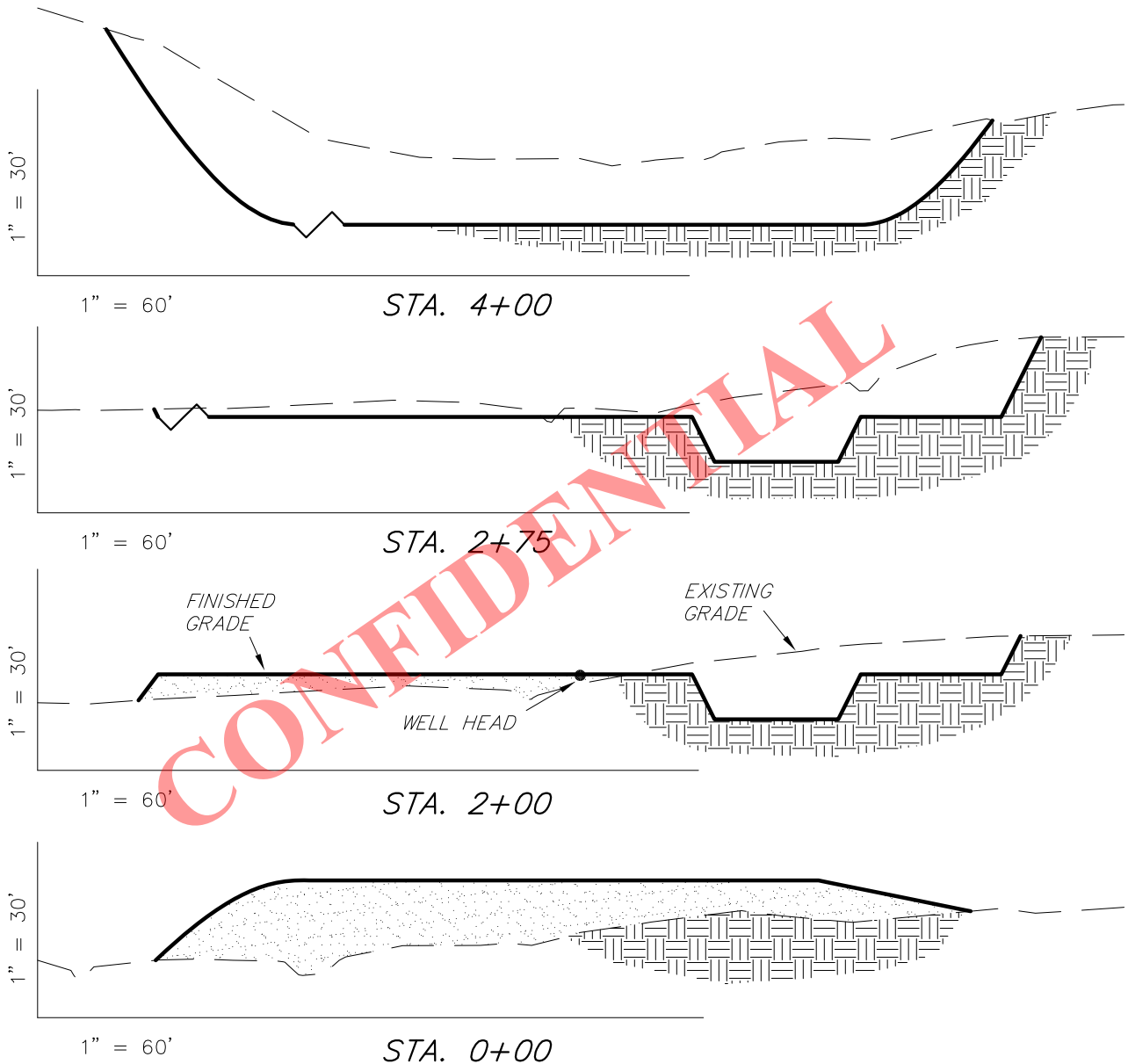
SURVEYED BY: M.C.	DATE SURVEYED: 05-11-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 05-23-12	V3
SCALE: 1" = 60'	REVISED: F.T.M. 10-18-12	

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: August 15, 2012

NEWFIELD EXPLORATION COMPANY**CROSS SECTIONS****4-1-3-4WH***Pad Location: NWNW (Lot 4) Section 1, T3S, R4W, U.S.B.&M.*

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

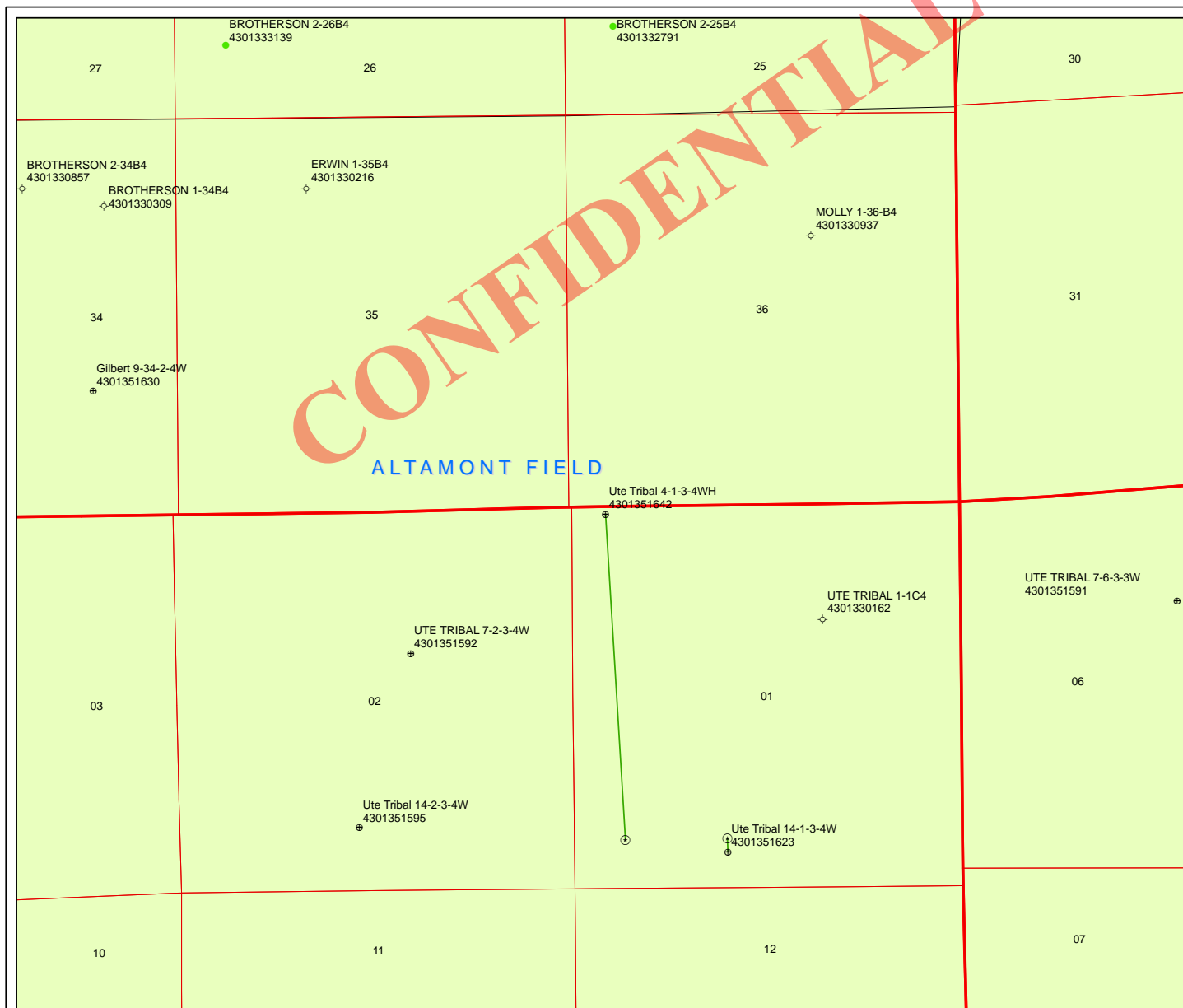
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	15,260	15,260	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	16,680	15,260	2,520	1,420

SURVEYED BY: M.C.	DATE SURVEYED: 05-11-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 05-23-12	V3
SCALE: 1" = 60'	REVISED: F.T.M. 10-18-12	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

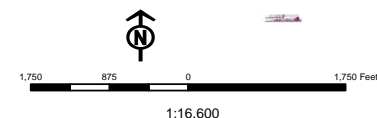
RECEIVED: August 15, 2012

RECEIVED: August 15, 2012



API Number: 4301351642
Well Name: Ute Tribal 4-1-3-4WH
Township T03.0S Range R04.0W Section 01
Meridian: UBM
Operator: NEWFIELD PRODUCTION COMPANY
 Map Prepared:
 Map Produced by Diana Mason

Units	Wells Query
STATUS	Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LOC - New Location
PI OIL	OPS - Operation Suspended
PP GAS	PA - Plugged Abandoned
PP GEOTHERM	PGW - Producing Gas Well
PP OIL	POW - Producing Oil Well
SECONDARY	SGW - Shut-in Gas Well
TERMINATED	SOW - Shut-in Oil Well
Fields	TA - Temp. Abandoned
Unknown	TW - Test Well
ABANDONED	WDW - Water Disposal
ACTIVE	WW - Water Injection Well
COMBINED	WSW - Water Supply Well
INACTIVE	Bottom Hole Location - Oil/Gas/Dib
STORAGE	
TERMINATED	



ON-SITE PREDRILL EVALUATION**Utah Division of Oil, Gas and Mining**

Operator NEWFIELD PRODUCTION COMPANY
Well Name Ute Tribal 4-1-3-4WH
API Number 43013516420000 **APD No** 6619 **Field/Unit** ALTAMONT
Location: 1/4,1/4 NWNW **Sec 1 Tw** 3.0S **Rng** 4.0W 89 FNL 487 FWL
GPS Coord (UTM) **Surface Owner** Newfield RMI LLC

Participants

T. Eaton, J. Pippy - Newfield; D. Petty - Tristate

Regional/Local Setting & Topography

Located in Duchesne County on the slopes of an ancient river terrace, incised into uneven surfaces, below and south of the Blue Bench. The city of Duchesne can be found approximately 5 miles West with Sand Wash Reservoir 3 miles North. The area is characterized by clayey sandy soils with slopes >> 6%, surrounded by terracing and benches of several different elevations capped by sandstone cliffs over highly erodible soils consistent with river floodplain profiles. The occasional Butte can also be found. Rilling and erosional features, with evidence of recent overland flow, is found within the location boundaries leading to a drainage of significant size with riparian vegetation. The drainage is a fork of the Zimmerman wash and leads directly, within a one mile radius, to wetlands. The area regionally is criss-crossed with numerous canals and associated laterals from the Lake Fork and Duchesne Rivers and Lake Boreham. The area has long been used for farming and ranching operations and has recently seen increasing development for petroleum extraction.

Surface Use Plan**Current Surface Use**

Grazing

**New Road
Miles**

0.13

Well Pad

Width 300 Length 400

Src Const Material

Offsite

Surface Formation

UNTA

Ancillary Facilities N**Waste Management Plan Adequate?**

Y

Environmental Parameters**Affected Floodplains and/or Wetlands** N**Flora / Fauna**

High desert shrubland ecosystem. Expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed.

Soil Type and Characteristics

sandy clays with some erosionally exposed talus

Erosion Issues Y

25% slopes of badlands clay with existing erosion present

Sedimentation Issues Y

soils are highly erodible

Site Stability Issues Y

tank farm on 9+ feet of fill

Drainage Diversion Required? N

from access west to corner 1.

Berm Required? Y**Erosion Sedimentation Control Required? Y**

rip rap on access. And diversion

Paleo Survey Run? Y Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	200 to 300	10
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5

Affected Populations

Presence Nearby Utility Conduits Not Present 0

Final Score 35 1 Sensitivity Level

Characteristics / Requirements

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Newfield commonly uses a 30 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete. Freeboard to be maintained at all times including after drilling and moving location.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Could not get to site because of high water and muck. Observations made from maps and from adjacent ridge

API Well Number: 43013516420000

Chris Jensen
Evaluator

8/10/2012
Date / Time

CONFIDENTIAL

RECEIVED: November 08, 2012

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6619	43013516420000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Newfield RMI LLC	
Well Name	Ute Tribal 4-1-3-4WH		Unit		
Field	ALTAMONT		Type of Work	DRILL	
Location	NWNW 1 3S 4W U 89 FNL 487 FWL GPS Coord (UTM) 560189E 4456477N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill
APD Evaluator

11/1/2012
Date / Time

Surface Statement of Basis

Location is proposed in a good location although outside the spacing window (Horizontal well). Access road enters the pad from the North and will need to be armored with rip rap because of the steep angle of approach. The Operator is, in this case, the landowner and its representative was in attendance for the pre-site inspection.

The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions.

Construction standards of the Operator appear to be adequate for the proposed purpose and Operator has provided plats outlining a diversion, rip rap placement and using a geogrid or compacting native soils to improve stability. Deep fill slopes are planned under areas planned to support a bank of storage tanks. Operator has no stated plans for protection of slopes. The reserve pit is planned in cut. Surrounding slopes are steep and for this reason I have asked for a felt subliner.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A riparian area can be found adjacent the site to the East.. The location was previously surveyed for cultural and paleontological resources as the operator saw fit. An ESA consultation was not initiated.

The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from entering. A synthetic liner of 30 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes from erosion, sedimentation and stability issues.

Chris Jensen
Onsite Evaluator

8/10/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 30 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

Surface	Drainages adjacent to the proposed pad shall be diverted around the location. Access to be armored with rip rap
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Native soils to be compacted when used as fill. Particularly corner 5, 6 and 7 under tank farm

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/15/2012

API NO. ASSIGNED: 43013516420000

WELL NAME: Ute Tribal 4-1-3-4WH

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWNW 01 030S 040W

Permit Tech Review: ☒

SURFACE: 0089 FNL 0487 FWL

Engineering Review: ☐

BOTTOM: 0660 FSL 0660 FWL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.25659

LONGITUDE: -110.29223

UTM SURF EASTINGS: 560189.00

NORTHINGS: 4456477.00

FIELD NAME: ALTAMONT

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-6388

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

☒ PLAT☐ R649-2-3.☒ Bond: INDIAN - RLB00100473

Unit:

☐ Potash☐ R649-3-2. General☐ Oil Shale 190-5☐ Oil Shale 190-3☒ R649-3-3. Exception☐ Oil Shale 190-13☒ Drilling Unit☒ Water Permit: 437478

Board Cause No: Cause 139-90

☐ RDCC Review:

Effective Date: 5/9/2012

☒ Fee Surface Agreement

Siting: (4) Producing Grrv-Wstc Wells in Sec Drl Unit

☐ Intent to Commingle☐ R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhll
4 - Federal Approval - dmason
5 - Statement of Basis - bhll
27 - Other - bhll

RECEIVED: November 08, 2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Ute Tribal 4-1-3-4WH

API Well Number: 43013516420000

Lease Number: 14-20-H62-6388

Surface Owner: FEE (PRIVATE)

Approval Date: 11/8/2012

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: UTE TRIBAL 4-1-3-4WH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0089 FNL 0487 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 01 Township: 03.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013516420000
5. FIELD and POOL or WILDCAT: ALTAMONT		6. COUNTY: DUCHESNE
7. STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/20/2013	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

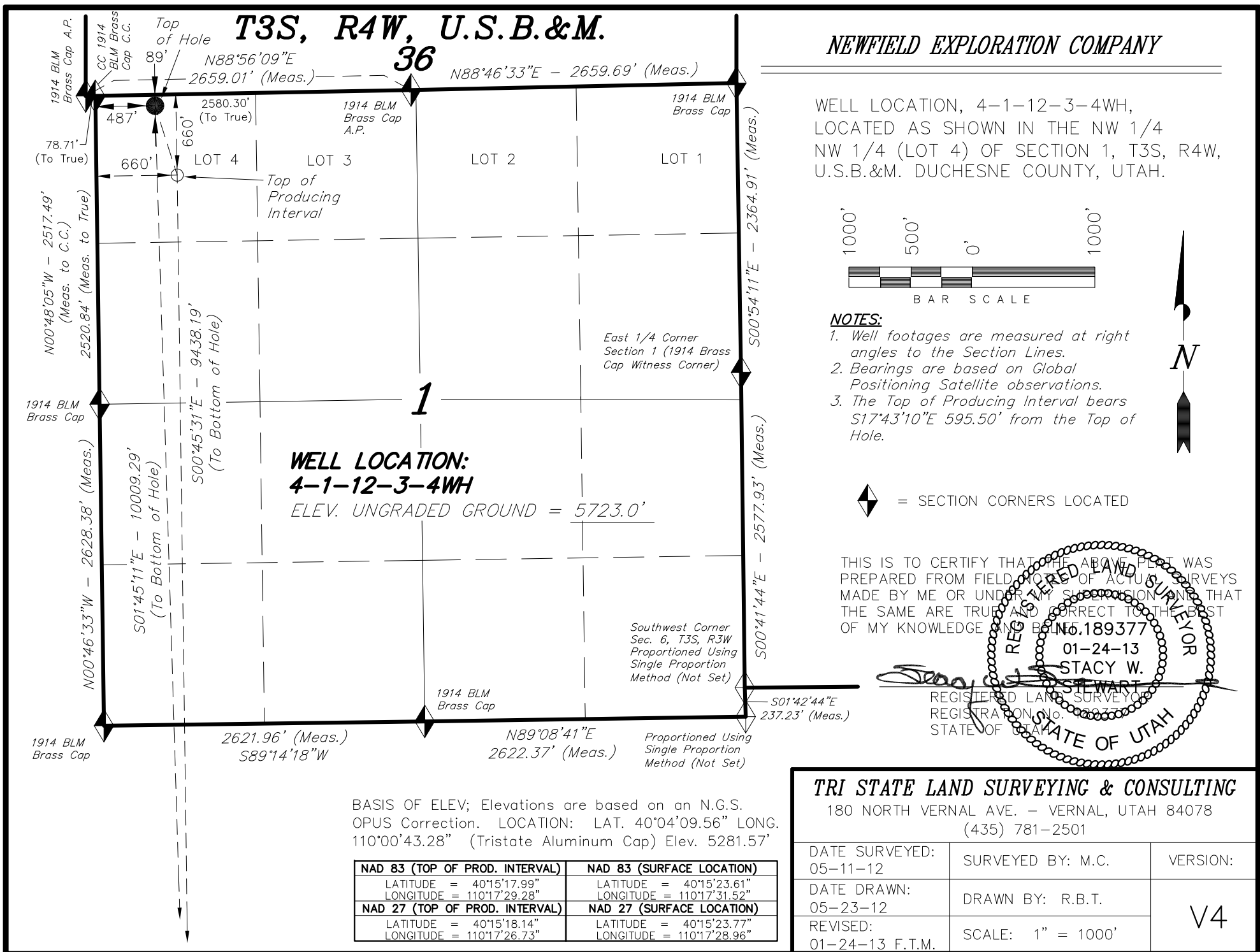
Newfield production Company respectfully submits this sundry to amend the previously approved Ute Tribal 4-1-3-4WH. The well has been changed to a 1280 acre horizontal well with an MD of 19,700 feet and to include the use of OBM during drilling. The well name has changed from the Ute Tribal 4-1-3-4WH to the Ute Tribal 4-1-12-3-4WH with minor changes to the proposed access road and pipeline corridor to reflect updated tie-in locations. Attached please find an updated plat package, drilling plan, directional plan and exception to spacing. The well, access and pipeline corridor remains on surface owned by Newfield RMI with surface use in place.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: February 25, 2013

By:

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent
SIGNATURE N/A	DATE 2/1/2013	



RECEIVED: Feb. 01, 2013

Newfield Production Company
Ute Tribal 4-1-12-3-4WH
Surface Hole Location: 89' FNL, 487' FWL, Section1, T3S, R4W
Bottom Hole Location: 330' FSL, 660' FWL, Section 12, T3S, R4W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	5,096'
Garden Gulch member	7,493'
Uteland Butte	9,872'
Lateral TD	9,738' TVD / 19,700' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	2,201'	(water)
Green River	7,493' - 9,738'	(oil)

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coupl	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
Intermediate 7	0'	9,920' 10,260'	29	P-110	BTC	10	10.5	15	11,220	8,510	929,000
Production 4 1/2	9,298'	9,738' 19,700'	13.5	P-110	BTC	11.5	12	--	12,410	10,670	422,000
									2.56	2.09	3.01

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41	15%	15.8	1.17
				35			
Surface Lead	12 1/4	2,000'	Type III + .125 lbs/sk Cello Flakes	720	15%	11.0	3.33
				216			
Surface Tail	12 1/4	500'	Type III + .125 lbs/sk Cello Flakes	180	15%	13.0	1.9
				95			
Intermediate Lead	8 3/4	4,993'	Premium - 65% Class G / 35% Poz + 10% Bentonite	863	15%	11.5	2.59
				333			
Intermediate Tail	8 3/4	2,767'	50/50 Poz/Class G + 1% bentonite	478	15%	13.0	1.62
				295			
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	--	--	--	--
				--			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
Surface - 2,500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.
2,500' - TD	One of two possible mud systems may be used depending on offset well performance on ongoing wells: A water based mud: Hole stability may be improved with additions of KCl or a

similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride).

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.60 psi/ft gradient.

$$9,738' \times 0.60 \text{ psi/ft} = 5823 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

An 8-3/4" vertical hole will be drilled to a kick off point of 9,348' . Directional tools will then be used to build to 91.10 degrees inclination. The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat. A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

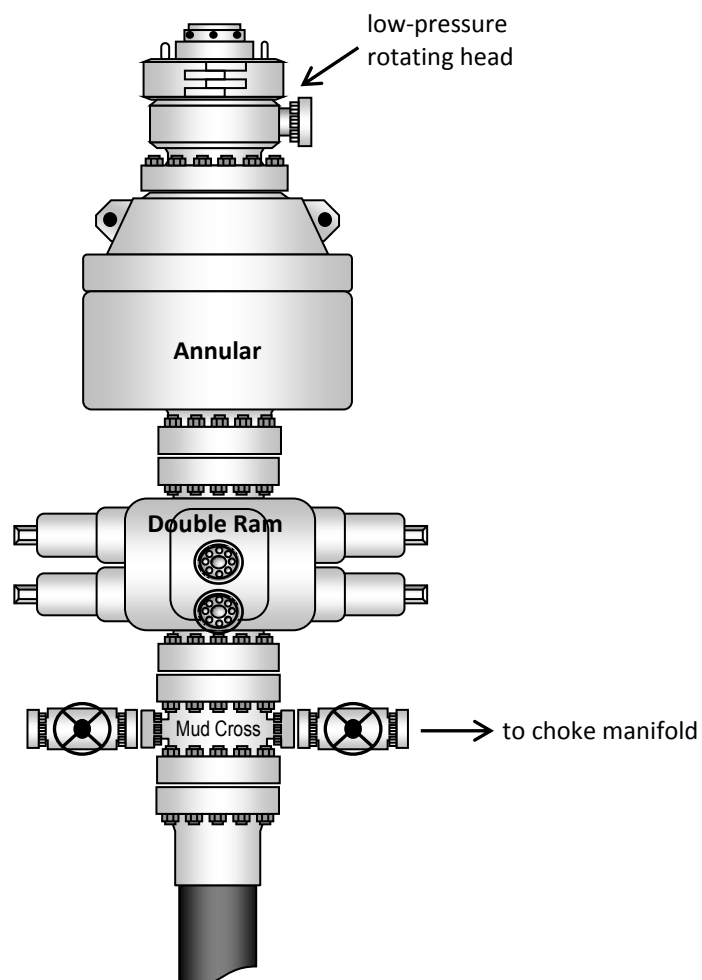
- Variance from Onshoer Order #2, III.E.1

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

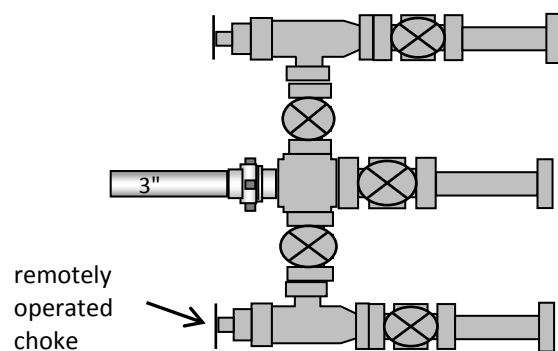
If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored

within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration





NEWFIELD EXPLORATION CO.

**DUCHESNE COUNTY, UT
UTE TRIBAL 4-1-12-3-4WH
UTE TRIBAL 4-1-12-3-4WH**

UTE TRIBAL 4-1-12-3-4WH

Plan: PLAN #2

Standard Planning Report

25 JANUARY, 2013



Sundry Number: 34290 API Well Number: 43013516420000



Project: DUCHESNE COUNTY, UT
 Site: UTE TRIBAL 4-1-12-3-4WH
 Well: UTE TRIBAL 4-1-12-3-4WH
 Wellbore: UTE TRIBAL 4-1-12-3-4WH
 Design: Design #2
 Latitude: 40° 15' 23.610 N
 Longitude: 110° 17' 31.520 W
 GL: 5723.00
 KB: KB @ 5741.00ft (Original Well Elev)



WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL - UTE TRIBAL 4-1-12-3-4WH	9738.00	-10005.09	305.90	40° 15' 23.610 N	110° 17' 31.520 W	Point
LP - UTE TRIBAL 4-1-12-3-4WH	9920.50	-567.74	180.96	40° 15' 17.999 N	110° 17' 29.186 W	Point

WELL DETAILS: UTE TRIBAL 4-1-12-3-4WH

+N/-S	+E/-W	Northing	Ground Level: Easting	5723.00 Latitude	Longitude	Slot
0.00	0.00	7264454.52	1977523.52	40° 15' 23.610 N	110° 17' 31.520 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
2567.40	1.35	84.25	2567.39	0.08	0.79	2.00	84.25	-0.06	Start 6781.12 hold at 2567.40 MD
9348.52	1.35	84.25	9346.64	16.06	159.51	0.00	0.00	-11.18	Start DLS 10.00 TFO 94.96
10260.77	91.11	179.24	9920.50	-567.74	180.96	10.00	94.96	573.00	Start 9439.94 hold at 10260.77 MD
19700.71	91.11	179.24	9738.00	-10005.09	305.90	0.00	0.00	0.00	TD at 19700.71

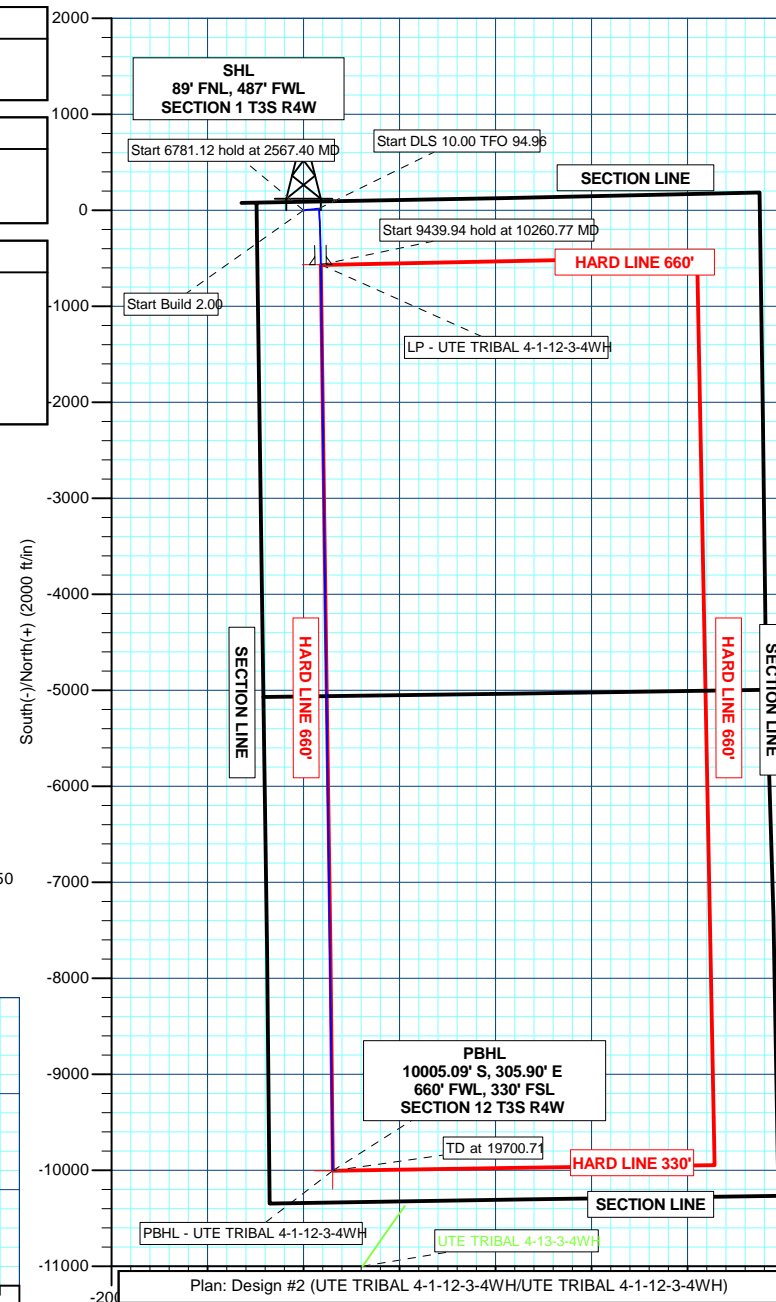
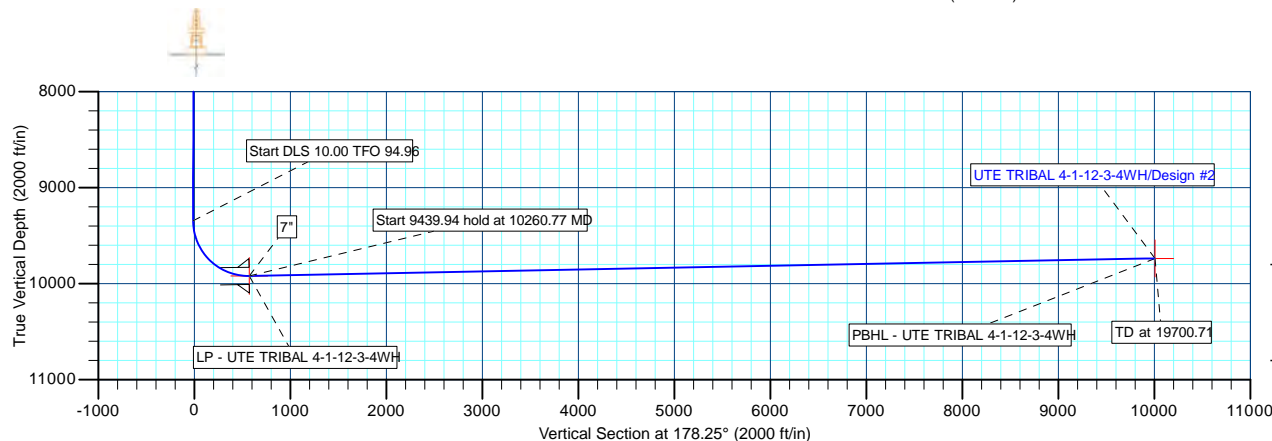
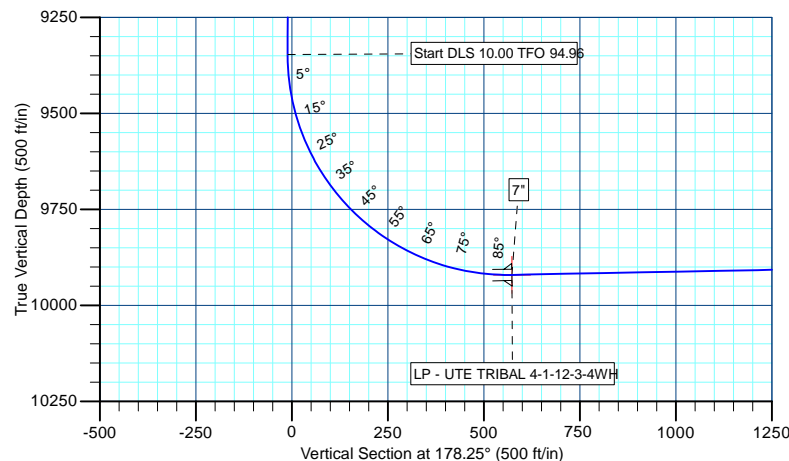


Azimuths to True North
 Magnetic North: 11.27°

Magnetic Field
 Strength: 52123.8snT
 Dip Angle: 65.86°
 Date: 1/24/2013
 Model: BGGM2012

CASING DETAILS

TVD	MD	Name	Size
9920.50	10260.77	7"	7



Plan: Design #2 (UTE TRIBAL 4-1-12-3-4WH/UTE TRIBAL 4-1-12-3-4WH)

Created By: TRACY WILLIAMS Date: 13:02, January 25 2013



NEWFIELD EXPLORATION CO.

**DUCHESNE COUNTY, UT
UTE TRIBAL 4-1-12-3-4WH
UTE TRIBAL 4-1-12-3-4WH**

UTE TRIBAL 4-1-12-3-4WH

Plan: Design #2

Standard Planning Report

25 January, 2013





Weatherford International Ltd.

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-12-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-12-3-4WH		
Design:	Design #2		

Project	DUCHESNE COUNTY, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	UTE TRIBAL 4-1-12-3-4WH			
Site Position:		Northing:	7,264,454.52 usft	Latitude: 40° 15' 23.610 N
From:	Lat/Long	Easting:	1,977,523.52 usft	Longitude: 110° 17' 31.520 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16"	Grid Convergence: 0.77 °

Well	UTE TRIBAL 4-1-12-3-4WH			
Well Position	+N/-S	0.00 ft	Northing:	7,264,454.52 usft
	+E/-W	0.00 ft	Easting:	1,977,523.52 usft
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft
			Ground Level:	5,723.00 ft

Wellbore	UTE TRIBAL 4-1-12-3-4WH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	1/24/2013	11.27	65.86	52,124

Design	Design #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	178.25

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,567.40	1.35	84.25	2,567.39	0.08	0.79	2.00	2.00	0.00	84.25	
9,348.52	1.35	84.25	9,346.64	16.06	159.51	0.00	0.00	0.00	0.00	
10,260.77	91.11	179.24	9,920.50	-567.74	180.96	10.00	9.84	10.41	94.96	LP - UTE TRIBAL 4-1
19,700.71	91.11	179.24	9,738.00	-10,005.09	305.90	0.00	0.00	0.00	0.00	PBHL - UTE TRIBAL 4



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-12-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-12-3-4WH		
Design:	Design #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
Start 6781.12 hold at 2567.40 MD									
2,567.40	1.35	84.25	2,567.39	0.08	0.79	-0.06	2.00	2.00	0.00
2,600.00	1.35	84.25	2,599.98	0.16	1.55	-0.11	0.00	0.00	0.00
2,700.00	1.35	84.25	2,699.96	0.39	3.89	-0.27	0.00	0.00	0.00
2,800.00	1.35	84.25	2,799.93	0.63	6.23	-0.44	0.00	0.00	0.00
2,900.00	1.35	84.25	2,899.90	0.86	8.57	-0.60	0.00	0.00	0.00
3,000.00	1.35	84.25	2,999.87	1.10	10.91	-0.76	0.00	0.00	0.00
3,100.00	1.35	84.25	3,099.85	1.33	13.26	-0.93	0.00	0.00	0.00
3,200.00	1.35	84.25	3,199.82	1.57	15.60	-1.09	0.00	0.00	0.00
3,300.00	1.35	84.25	3,299.79	1.81	17.94	-1.26	0.00	0.00	0.00
3,400.00	1.35	84.25	3,399.76	2.04	20.28	-1.42	0.00	0.00	0.00
3,500.00	1.35	84.25	3,499.74	2.28	22.62	-1.58	0.00	0.00	0.00
3,600.00	1.35	84.25	3,599.71	2.51	24.96	-1.75	0.00	0.00	0.00
3,700.00	1.35	84.25	3,699.68	2.75	27.30	-1.91	0.00	0.00	0.00
3,800.00	1.35	84.25	3,799.65	2.98	29.64	-2.08	0.00	0.00	0.00
3,900.00	1.35	84.25	3,899.62	3.22	31.98	-2.24	0.00	0.00	0.00
4,000.00	1.35	84.25	3,999.60	3.46	34.32	-2.40	0.00	0.00	0.00
4,100.00	1.35	84.25	4,099.57	3.69	36.66	-2.57	0.00	0.00	0.00
4,200.00	1.35	84.25	4,199.54	3.93	39.00	-2.73	0.00	0.00	0.00
4,300.00	1.35	84.25	4,299.51	4.16	41.34	-2.90	0.00	0.00	0.00
4,400.00	1.35	84.25	4,399.49	4.40	43.68	-3.06	0.00	0.00	0.00
4,500.00	1.35	84.25	4,499.46	4.63	46.02	-3.22	0.00	0.00	0.00
4,600.00	1.35	84.25	4,599.43	4.87	48.37	-3.39	0.00	0.00	0.00
4,700.00	1.35	84.25	4,699.40	5.10	50.71	-3.55	0.00	0.00	0.00
4,800.00	1.35	84.25	4,799.38	5.34	53.05	-3.72	0.00	0.00	0.00
4,900.00	1.35	84.25	4,899.35	5.58	55.39	-3.88	0.00	0.00	0.00
5,000.00	1.35	84.25	4,999.32	5.81	57.73	-4.04	0.00	0.00	0.00

NEWFIELD



Weatherford International Ltd.

Planning Report



Weatherford

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-12-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-12-3-4WH		
Design:	Design #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,100.00	1.35	84.25	5,099.29	6.05	60.07	-4.21	0.00	0.00	0.00	
5,200.00	1.35	84.25	5,199.27	6.28	62.41	-4.37	0.00	0.00	0.00	
5,300.00	1.35	84.25	5,299.24	6.52	64.75	-4.54	0.00	0.00	0.00	
5,400.00	1.35	84.25	5,399.21	6.75	67.09	-4.70	0.00	0.00	0.00	
5,500.00	1.35	84.25	5,499.18	6.99	69.43	-4.86	0.00	0.00	0.00	
5,600.00	1.35	84.25	5,599.15	7.23	71.77	-5.03	0.00	0.00	0.00	
5,700.00	1.35	84.25	5,699.13	7.46	74.11	-5.19	0.00	0.00	0.00	
5,800.00	1.35	84.25	5,799.10	7.70	76.45	-5.36	0.00	0.00	0.00	
5,900.00	1.35	84.25	5,899.07	7.93	78.79	-5.52	0.00	0.00	0.00	
6,000.00	1.35	84.25	5,999.04	8.17	81.13	-5.68	0.00	0.00	0.00	
6,100.00	1.35	84.25	6,099.02	8.40	83.48	-5.85	0.00	0.00	0.00	
6,200.00	1.35	84.25	6,198.99	8.64	85.82	-6.01	0.00	0.00	0.00	
6,300.00	1.35	84.25	6,298.96	8.88	88.16	-6.18	0.00	0.00	0.00	
6,400.00	1.35	84.25	6,398.93	9.11	90.50	-6.34	0.00	0.00	0.00	
6,500.00	1.35	84.25	6,498.91	9.35	92.84	-6.50	0.00	0.00	0.00	
6,600.00	1.35	84.25	6,598.88	9.58	95.18	-6.67	0.00	0.00	0.00	
6,700.00	1.35	84.25	6,698.85	9.82	97.52	-6.83	0.00	0.00	0.00	
6,800.00	1.35	84.25	6,798.82	10.05	99.86	-7.00	0.00	0.00	0.00	
6,900.00	1.35	84.25	6,898.79	10.29	102.20	-7.16	0.00	0.00	0.00	
7,000.00	1.35	84.25	6,998.77	10.52	104.54	-7.32	0.00	0.00	0.00	
7,100.00	1.35	84.25	7,098.74	10.76	106.88	-7.49	0.00	0.00	0.00	
7,200.00	1.35	84.25	7,198.71	11.00	109.22	-7.65	0.00	0.00	0.00	
7,300.00	1.35	84.25	7,298.68	11.23	111.56	-7.82	0.00	0.00	0.00	
7,400.00	1.35	84.25	7,398.66	11.47	113.90	-7.98	0.00	0.00	0.00	
7,500.00	1.35	84.25	7,498.63	11.70	116.24	-8.14	0.00	0.00	0.00	
7,600.00	1.35	84.25	7,598.60	11.94	118.59	-8.31	0.00	0.00	0.00	
7,700.00	1.35	84.25	7,698.57	12.17	120.93	-8.47	0.00	0.00	0.00	
7,800.00	1.35	84.25	7,798.55	12.41	123.27	-8.64	0.00	0.00	0.00	
7,900.00	1.35	84.25	7,898.52	12.65	125.61	-8.80	0.00	0.00	0.00	
8,000.00	1.35	84.25	7,998.49	12.88	127.95	-8.96	0.00	0.00	0.00	
8,100.00	1.35	84.25	8,098.46	13.12	130.29	-9.13	0.00	0.00	0.00	
8,200.00	1.35	84.25	8,198.43	13.35	132.63	-9.29	0.00	0.00	0.00	
8,300.00	1.35	84.25	8,298.41	13.59	134.97	-9.46	0.00	0.00	0.00	
8,400.00	1.35	84.25	8,398.38	13.82	137.31	-9.62	0.00	0.00	0.00	
8,500.00	1.35	84.25	8,498.35	14.06	139.65	-9.78	0.00	0.00	0.00	
8,600.00	1.35	84.25	8,598.32	14.29	141.99	-9.95	0.00	0.00	0.00	
8,700.00	1.35	84.25	8,698.30	14.53	144.33	-10.11	0.00	0.00	0.00	
8,800.00	1.35	84.25	8,798.27	14.77	146.67	-10.28	0.00	0.00	0.00	
8,900.00	1.35	84.25	8,898.24	15.00	149.01	-10.44	0.00	0.00	0.00	
9,000.00	1.35	84.25	8,998.21	15.24	151.35	-10.60	0.00	0.00	0.00	
9,100.00	1.35	84.25	9,098.19	15.47	153.70	-10.77	0.00	0.00	0.00	
9,200.00	1.35	84.25	9,198.16	15.71	156.04	-10.93	0.00	0.00	0.00	
9,300.00	1.35	84.25	9,298.13	15.94	158.38	-11.10	0.00	0.00	0.00	
Start DLS 10.00 TFO 94.96										
9,348.52	1.35	84.25	9,346.64	16.06	159.51	-11.18	0.00	0.00	0.00	
9,350.00	1.34	90.54	9,348.12	16.06	159.55	-11.18	10.00	-0.32	425.82	
9,400.00	5.21	164.31	9,398.04	13.87	160.75	-8.95	10.00	7.73	147.53	
9,450.00	10.12	171.67	9,447.58	7.33	162.00	-2.38	10.00	9.83	14.72	
9,500.00	15.09	174.23	9,496.36	-3.49	163.29	8.48	10.00	9.94	5.12	
9,550.00	20.07	175.54	9,544.01	-18.53	164.61	23.56	10.00	9.97	2.62	
9,600.00	25.06	176.34	9,590.16	-37.67	165.96	42.72	10.00	9.98	1.61	
9,650.00	30.06	176.89	9,634.48	-60.76	167.31	65.84	10.00	9.99	1.10	
9,700.00	35.05	177.30	9,676.61	-87.62	168.67	92.73	10.00	9.99	0.81	
9,750.00	40.05	177.62	9,716.23	-118.06	170.01	123.20	10.00	9.99	0.63	



Weatherford International Ltd.

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-12-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-12-3-4WH		
Design:	Design #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,800.00	45.05	177.87	9,753.06	-151.83	171.34	156.99	10.00	9.99	0.51
9,850.00	50.04	178.09	9,786.80	-188.69	172.64	193.87	10.00	9.99	0.43
9,900.00	55.04	178.28	9,817.19	-228.34	173.89	233.55	10.00	10.00	0.37
9,950.00	60.04	178.44	9,844.02	-270.50	175.10	275.73	10.00	10.00	0.33
10,000.00	65.04	178.59	9,867.07	-314.84	176.24	320.08	10.00	10.00	0.30
10,050.00	70.04	178.73	9,886.17	-361.02	177.32	366.27	10.00	10.00	0.27
10,100.00	75.04	178.86	9,901.17	-408.69	178.33	413.95	10.00	10.00	0.26
10,150.00	80.03	178.98	9,911.96	-457.48	179.25	462.75	10.00	10.00	0.25
10,200.00	85.03	179.10	9,918.45	-507.04	180.08	512.30	10.00	10.00	0.24
10,250.00	90.03	179.22	9,920.61	-556.97	180.82	562.24	10.00	10.00	0.23
Start 9439.94 hold at 10260.77 MD - 7" - LP - UTE TRIBAL 4-1-12-3-4WH									
10,260.77	91.11	179.24	9,920.50	-567.74	180.96	573.00	10.00	10.00	0.23
10,300.00	91.11	179.24	9,919.74	-606.96	181.48	612.22	0.00	0.00	0.00
10,400.00	91.11	179.24	9,917.81	-706.93	182.80	712.19	0.00	0.00	0.00
10,500.00	91.11	179.24	9,915.88	-806.90	184.13	812.15	0.00	0.00	0.00
10,600.00	91.11	179.24	9,913.94	-906.88	185.45	912.12	0.00	0.00	0.00
10,700.00	91.11	179.24	9,912.01	-1,006.85	186.77	1,012.09	0.00	0.00	0.00
10,800.00	91.11	179.24	9,910.08	-1,106.82	188.10	1,112.05	0.00	0.00	0.00
10,900.00	91.11	179.24	9,908.14	-1,206.79	189.42	1,212.02	0.00	0.00	0.00
11,000.00	91.11	179.24	9,906.21	-1,306.77	190.74	1,311.98	0.00	0.00	0.00
11,100.00	91.11	179.24	9,904.28	-1,406.74	192.07	1,411.95	0.00	0.00	0.00
11,200.00	91.11	179.24	9,902.34	-1,506.71	193.39	1,511.92	0.00	0.00	0.00
11,300.00	91.11	179.24	9,900.41	-1,606.68	194.71	1,611.88	0.00	0.00	0.00
11,400.00	91.11	179.24	9,898.48	-1,706.66	196.04	1,711.85	0.00	0.00	0.00
11,500.00	91.11	179.24	9,896.54	-1,806.63	197.36	1,811.82	0.00	0.00	0.00
11,600.00	91.11	179.24	9,894.61	-1,906.60	198.69	1,911.78	0.00	0.00	0.00
11,700.00	91.11	179.24	9,892.68	-2,006.57	200.01	2,011.75	0.00	0.00	0.00
11,800.00	91.11	179.24	9,890.74	-2,106.55	201.33	2,111.72	0.00	0.00	0.00
11,900.00	91.11	179.24	9,888.81	-2,206.52	202.66	2,211.68	0.00	0.00	0.00
12,000.00	91.11	179.24	9,886.88	-2,306.49	203.98	2,311.65	0.00	0.00	0.00
12,100.00	91.11	179.24	9,884.94	-2,406.46	205.30	2,411.61	0.00	0.00	0.00
12,200.00	91.11	179.24	9,883.01	-2,506.44	206.63	2,511.58	0.00	0.00	0.00
12,300.00	91.11	179.24	9,881.08	-2,606.41	207.95	2,611.55	0.00	0.00	0.00
12,400.00	91.11	179.24	9,879.14	-2,706.38	209.27	2,711.51	0.00	0.00	0.00
12,500.00	91.11	179.24	9,877.21	-2,806.35	210.60	2,811.48	0.00	0.00	0.00
12,600.00	91.11	179.24	9,875.28	-2,906.33	211.92	2,911.45	0.00	0.00	0.00
12,700.00	91.11	179.24	9,873.34	-3,006.30	213.24	3,011.41	0.00	0.00	0.00
12,800.00	91.11	179.24	9,871.41	-3,106.27	214.57	3,111.38	0.00	0.00	0.00
12,900.00	91.11	179.24	9,869.48	-3,206.24	215.89	3,211.34	0.00	0.00	0.00
13,000.00	91.11	179.24	9,867.54	-3,306.22	217.21	3,311.31	0.00	0.00	0.00
13,100.00	91.11	179.24	9,865.61	-3,406.19	218.54	3,411.28	0.00	0.00	0.00
13,200.00	91.11	179.24	9,863.68	-3,506.16	219.86	3,511.24	0.00	0.00	0.00
13,300.00	91.11	179.24	9,861.74	-3,606.13	221.18	3,611.21	0.00	0.00	0.00
13,400.00	91.11	179.24	9,859.81	-3,706.11	222.51	3,711.18	0.00	0.00	0.00
13,500.00	91.11	179.24	9,857.88	-3,806.08	223.83	3,811.14	0.00	0.00	0.00
13,600.00	91.11	179.24	9,855.94	-3,906.05	225.16	3,911.11	0.00	0.00	0.00
13,700.00	91.11	179.24	9,854.01	-4,006.02	226.48	4,011.07	0.00	0.00	0.00
13,800.00	91.11	179.24	9,852.08	-4,106.00	227.80	4,111.04	0.00	0.00	0.00
13,900.00	91.11	179.24	9,850.14	-4,205.97	229.13	4,211.01	0.00	0.00	0.00
14,000.00	91.11	179.24	9,848.21	-4,305.94	230.45	4,310.97	0.00	0.00	0.00
14,100.00	91.11	179.24	9,846.28	-4,405.91	231.77	4,410.94	0.00	0.00	0.00
14,200.00	91.11	179.24	9,844.34	-4,505.89	233.10	4,510.91	0.00	0.00	0.00
14,300.00	91.11	179.24	9,842.41	-4,605.86	234.42	4,610.87	0.00	0.00	0.00



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-12-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-12-3-4WH		
Design:	Design #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,400.00	91.11	179.24	9,840.48	-4,705.83	235.74	4,710.84	0.00	0.00	0.00
14,500.00	91.11	179.24	9,838.54	-4,805.81	237.07	4,810.81	0.00	0.00	0.00
14,600.00	91.11	179.24	9,836.61	-4,905.78	238.39	4,910.77	0.00	0.00	0.00
14,700.00	91.11	179.24	9,834.68	-5,005.75	239.71	5,010.74	0.00	0.00	0.00
14,800.00	91.11	179.24	9,832.74	-5,105.72	241.04	5,110.70	0.00	0.00	0.00
14,900.00	91.11	179.24	9,830.81	-5,205.70	242.36	5,210.67	0.00	0.00	0.00
15,000.00	91.11	179.24	9,828.88	-5,305.67	243.68	5,310.64	0.00	0.00	0.00
15,100.00	91.11	179.24	9,826.94	-5,405.64	245.01	5,410.60	0.00	0.00	0.00
15,200.00	91.11	179.24	9,825.01	-5,505.61	246.33	5,510.57	0.00	0.00	0.00
15,300.00	91.11	179.24	9,823.08	-5,605.59	247.66	5,610.54	0.00	0.00	0.00
15,400.00	91.11	179.24	9,821.14	-5,705.56	248.98	5,710.50	0.00	0.00	0.00
15,500.00	91.11	179.24	9,819.21	-5,805.53	250.30	5,810.47	0.00	0.00	0.00
15,600.00	91.11	179.24	9,817.28	-5,905.50	251.63	5,910.43	0.00	0.00	0.00
15,700.00	91.11	179.24	9,815.34	-6,005.48	252.95	6,010.40	0.00	0.00	0.00
15,800.00	91.11	179.24	9,813.41	-6,105.45	254.27	6,110.37	0.00	0.00	0.00
15,900.00	91.11	179.24	9,811.48	-6,205.42	255.60	6,210.33	0.00	0.00	0.00
16,000.00	91.11	179.24	9,809.54	-6,305.39	256.92	6,310.30	0.00	0.00	0.00
16,100.00	91.11	179.24	9,807.61	-6,405.37	258.24	6,410.27	0.00	0.00	0.00
16,200.00	91.11	179.24	9,805.68	-6,505.34	259.57	6,510.23	0.00	0.00	0.00
16,300.00	91.11	179.24	9,803.75	-6,605.31	260.89	6,610.20	0.00	0.00	0.00
16,400.00	91.11	179.24	9,801.81	-6,705.28	262.21	6,710.17	0.00	0.00	0.00
16,500.00	91.11	179.24	9,799.88	-6,805.26	263.54	6,810.13	0.00	0.00	0.00
16,600.00	91.11	179.24	9,797.95	-6,905.23	264.86	6,910.10	0.00	0.00	0.00
16,700.00	91.11	179.24	9,796.01	-7,005.20	266.18	7,010.06	0.00	0.00	0.00
16,800.00	91.11	179.24	9,794.08	-7,105.17	267.51	7,110.03	0.00	0.00	0.00
16,900.00	91.11	179.24	9,792.15	-7,205.15	268.83	7,210.00	0.00	0.00	0.00
17,000.00	91.11	179.24	9,790.21	-7,305.12	270.16	7,309.96	0.00	0.00	0.00
17,100.00	91.11	179.24	9,788.28	-7,405.09	271.48	7,409.93	0.00	0.00	0.00
17,200.00	91.11	179.24	9,786.35	-7,505.06	272.80	7,509.90	0.00	0.00	0.00
17,300.00	91.11	179.24	9,784.41	-7,605.04	274.13	7,609.86	0.00	0.00	0.00
17,400.00	91.11	179.24	9,782.48	-7,705.01	275.45	7,709.83	0.00	0.00	0.00
17,500.00	91.11	179.24	9,780.55	-7,804.98	276.77	7,809.79	0.00	0.00	0.00
17,600.00	91.11	179.24	9,778.61	-7,904.95	278.10	7,909.76	0.00	0.00	0.00
17,700.00	91.11	179.24	9,776.68	-8,004.93	279.42	8,009.73	0.00	0.00	0.00
17,800.00	91.11	179.24	9,774.75	-8,104.90	280.74	8,109.69	0.00	0.00	0.00
17,900.00	91.11	179.24	9,772.81	-8,204.87	282.07	8,209.66	0.00	0.00	0.00
18,000.00	91.11	179.24	9,770.88	-8,304.84	283.39	8,309.63	0.00	0.00	0.00
18,100.00	91.11	179.24	9,768.95	-8,404.82	284.71	8,409.59	0.00	0.00	0.00
18,200.00	91.11	179.24	9,767.01	-8,504.79	286.04	8,509.56	0.00	0.00	0.00
18,300.00	91.11	179.24	9,765.08	-8,604.76	287.36	8,609.52	0.00	0.00	0.00
18,400.00	91.11	179.24	9,763.15	-8,704.73	288.68	8,709.49	0.00	0.00	0.00
18,500.00	91.11	179.24	9,761.21	-8,804.71	290.01	8,809.46	0.00	0.00	0.00
18,600.00	91.11	179.24	9,759.28	-8,904.68	291.33	8,909.42	0.00	0.00	0.00
18,700.00	91.11	179.24	9,757.35	-9,004.65	292.66	9,009.39	0.00	0.00	0.00
18,800.00	91.11	179.24	9,755.41	-9,104.62	293.98	9,109.36	0.00	0.00	0.00
18,900.00	91.11	179.24	9,753.48	-9,204.60	295.30	9,209.32	0.00	0.00	0.00
19,000.00	91.11	179.24	9,751.55	-9,304.57	296.63	9,309.29	0.00	0.00	0.00
19,100.00	91.11	179.24	9,749.61	-9,404.54	297.95	9,409.26	0.00	0.00	0.00
19,200.00	91.11	179.24	9,747.68	-9,504.51	299.27	9,509.22	0.00	0.00	0.00
19,300.00	91.11	179.24	9,745.75	-9,604.49	300.60	9,609.19	0.00	0.00	0.00
19,400.00	91.11	179.24	9,743.81	-9,704.46	301.92	9,709.15	0.00	0.00	0.00
19,500.00	91.11	179.24	9,741.88	-9,804.43	303.24	9,809.12	0.00	0.00	0.00
19,600.00	91.11	179.24	9,739.95	-9,904.41	304.57	9,909.09	0.00	0.00	0.00



Weatherford International Ltd.

Planning Report



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well UTE TRIBAL 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION CO.	TVD Reference:	KB @ 5741.00ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	MD Reference:	KB @ 5741.00ft (Original Well Elev)
Site:	UTE TRIBAL 4-1-12-3-4WH	North Reference:	True
Well:	UTE TRIBAL 4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	UTE TRIBAL 4-1-12-3-4WH		
Design:	Design #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
TD at 19700.71 - PBHL - UTE TRIBAL 4-1-12-3-4WH									
19,700.71	91.11	179.24	9,738.00	-10,005.09	305.90	10,009.77	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL - UTE TRIBAL 4-1 - plan hits target center - Point	0.00	0.00	9,738.00	-10,005.09	305.90	7,254,454.49	1,977,964.50	40° 13' 44.733 N	110° 17' 27.576 W
LP - UTE TRIBAL 4-1-12 - plan hits target center - Point	0.00	0.00	9,920.50	-567.74	180.96	7,263,889.28	1,977,712.13	40° 15' 17.999 N	110° 17' 29.186 W

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
10,260.77	9,920.50	7"	7	8-3/4	

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,500.00	2,500.00	0.00	0.00	Start Build 2.00
2,567.40	2,567.39	0.08	0.79	Start 6781.12 hold at 2567.40 MD
9,348.52	9,346.64	16.06	159.51	Start DLS 10.00 TFO 94.96
10,260.77	9,920.50	-567.74	180.96	Start 9439.94 hold at 10260.77 MD
19,700.71	9,738.00	-10,005.09	305.90	TD at 19700.71

NEWFIELD EXPLORATION COMPANY**WELL PAD INTERFERENCE PLAT****4-1-12-3-4WH**

Pad Location: NWNW (Lot 4) Section 1, T3S, R4W, U.S.B.&M.


LATITUDE & LONGITUDE
 Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
4-1-12-3-4WH	40° 15' 23.61"	110° 17' 31.52"

Section Line

Sec. 36, T2S, R4W**Sec. 1, T3S, R4W****TOP HOLE FOOTAGES**
 4-1-12-3-4WH
 89' FNL & 487' FWL

4-1-12-3-4WH

TOP OF PRODUCING
INTERVAL FOOTAGES

 4-1-12-3-4WH
 660' FNL & 660' FWL

Proposed Pit

LATITUDE & LONGITUDE
 Top of Producing Interval (NAD 83)

WELL	LATITUDE	LONGITUDE
4-1-12-3-4WH	40° 15' 17.99"	110° 17' 29.28"

BOTTOM HOLE FOOTAGES
 4-1-12-3-4WH
 330' FSL & 660' FWL

Edge of Proposed Pad

Proposed Access

Note:
 Bearings are based
 on GPS Observations.

RELATIVE COORDINATES
 From Top Hole to Bottom Hole

WELL	NORTH	EAST
4-1-12-3-4WH	-10,005'	306'

LATITUDE & LONGITUDE
 Bottom Hole Position (NAD 83)

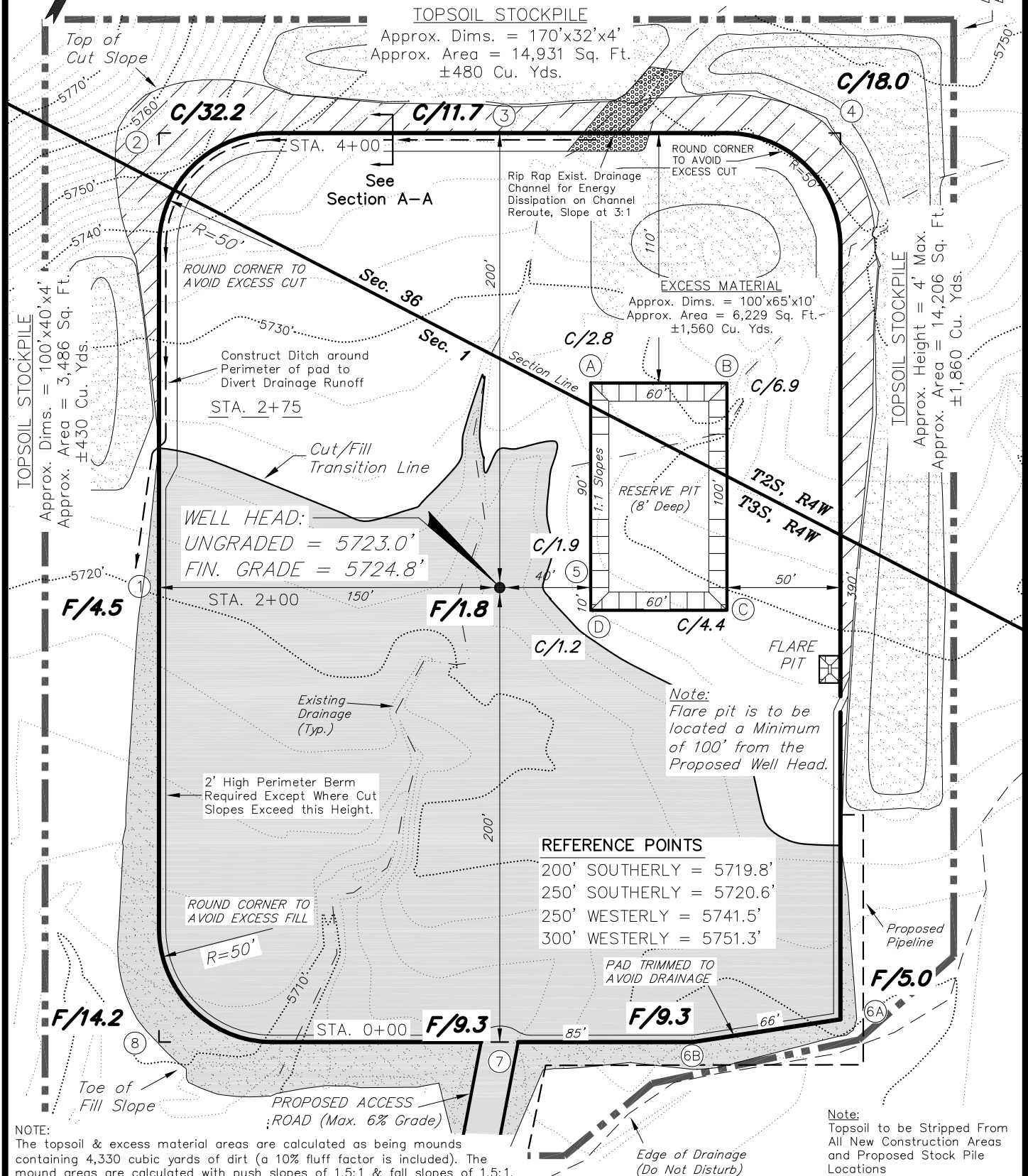
WELL	LATITUDE	LONGITUDE
4-1-12-3-4WH	40° 13' 44.75"	110° 17' 29.32"

SURVEYED BY: M.C.	DATE SURVEYED: 05-11-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 05-23-12	V4
SCALE: 1" = 60'	REVISED: F.T.M. 01-24-13	

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

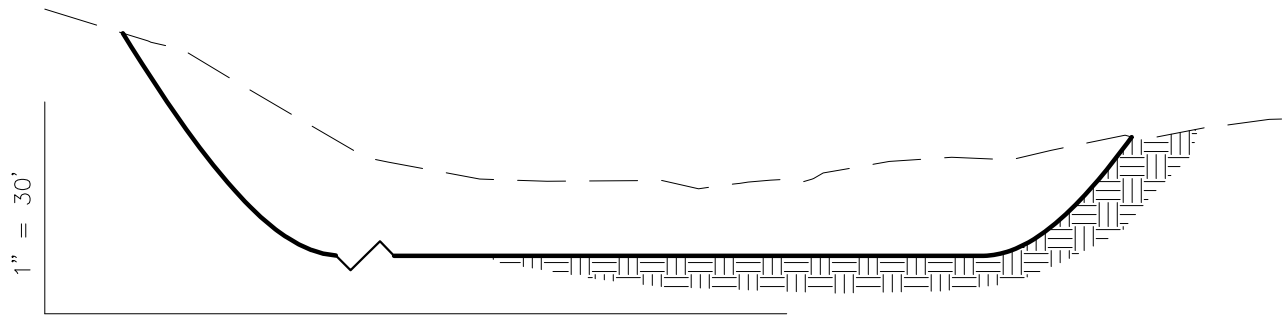
NEWFIELD EXPLORATION COMPANY**PROPOSED LOCATION LAYOUT****4-1-12-3-4WH**

Pad Location: NWNW (Lot 4) Section 1, T3S, R4W, U.S.B.&M.

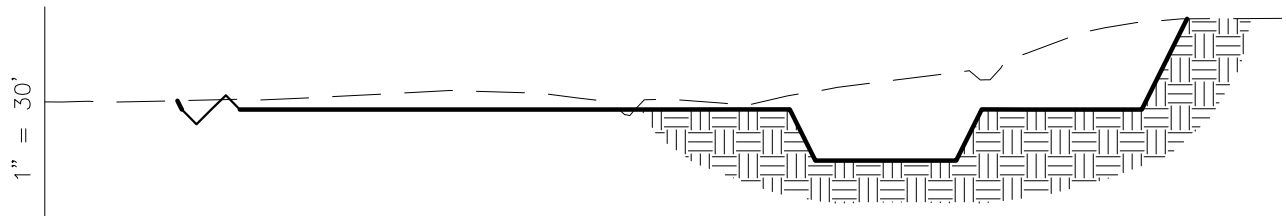


SURVEYED BY: M.C.	DATE SURVEYED: 05-11-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 05-23-12	V4
SCALE: 1" = 60'	REVISED: F.T.M. 01-24-13	

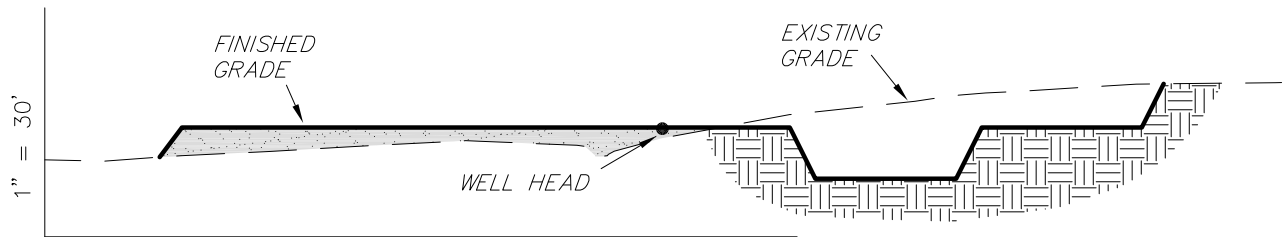
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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD EXPLORATION COMPANY**CROSS SECTIONS****4-1-12-3-4WH***Pad Location: NWNW (Lot 4) Section 1, T3S, R4W, U.S.B.&M.*

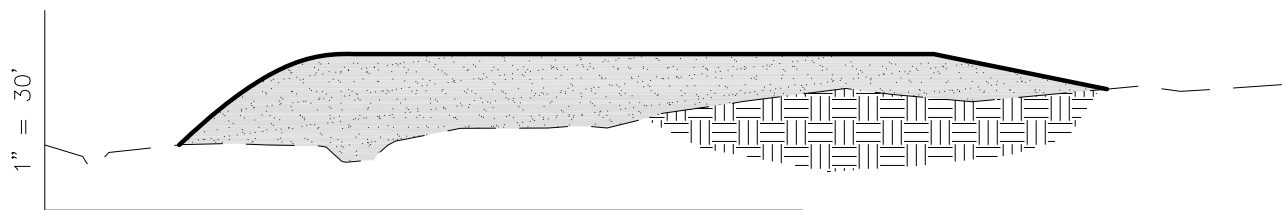
1" = 60'

STA. 4+00

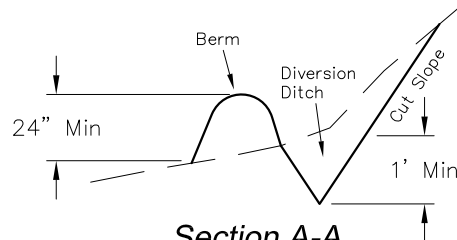
1" = 60'

STA. 2+75

1" = 60'

STA. 2+00

1" = 60'

STA. 0+00**Section A-A****NOT TO SCALE**

NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

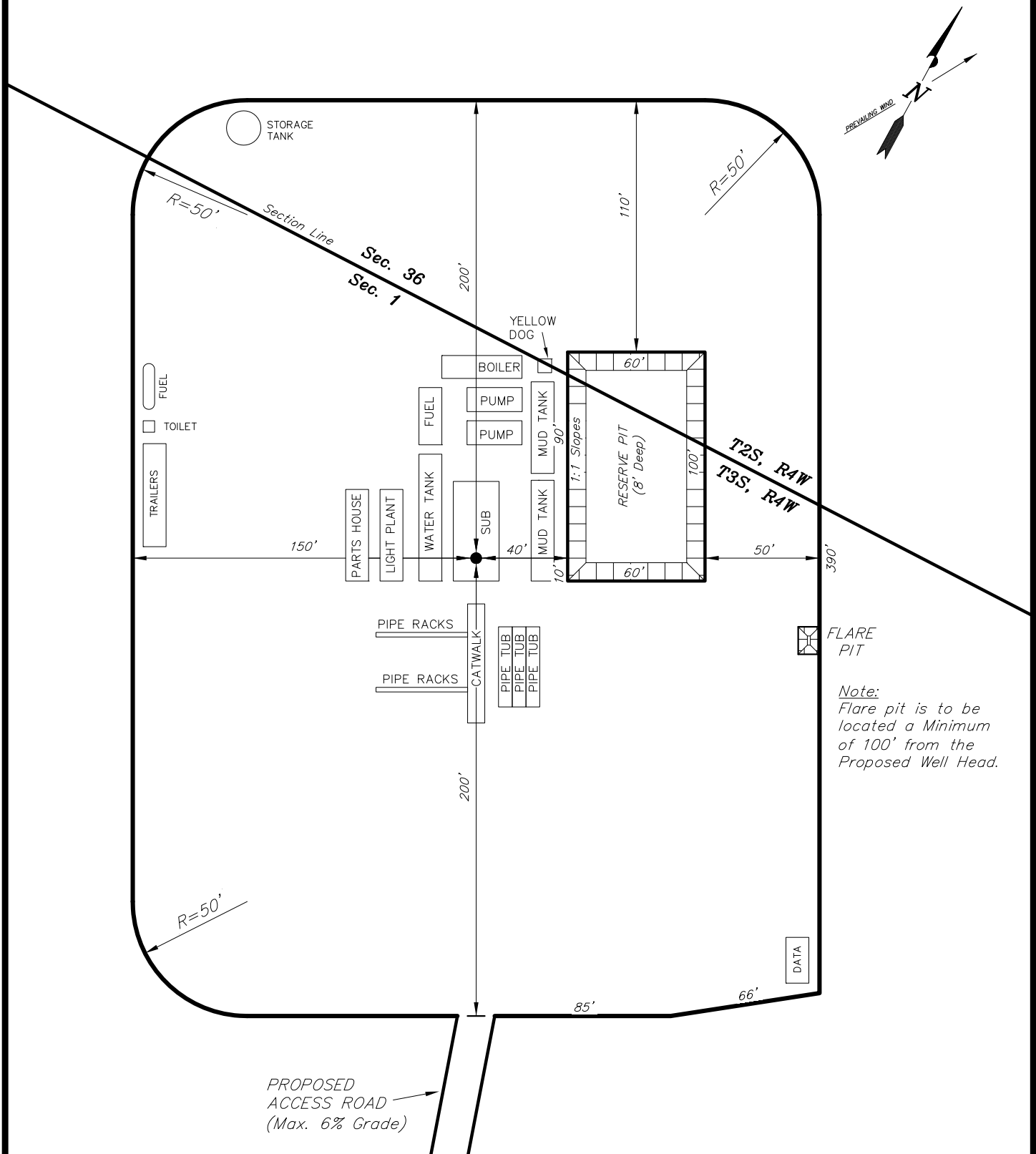
ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	15,260	15,260	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	16,680	15,260	2,520	1,420

SURVEYED BY: M.C.	DATE SURVEYED: 05-11-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 05-23-12	V4
SCALE: 1" = 60'	REVISED: F.T.M. 01-24-13	

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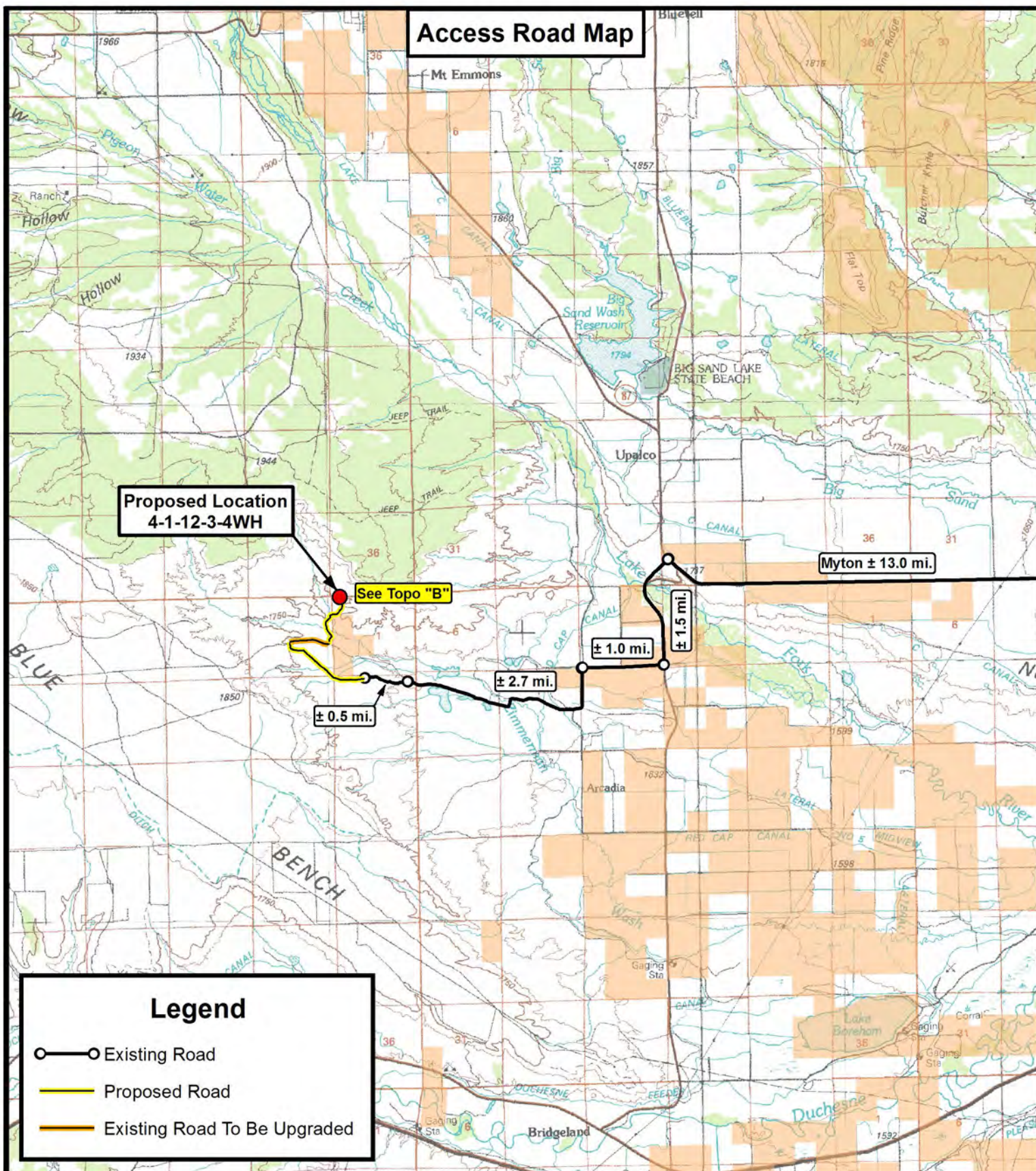
RECEIVED: Feb. 01, 2013

NEWFIELD EXPLORATION COMPANY**TYPICAL RIG LAYOUT****4-1-12-3-4WH***Pad Location: NWNW (Lot 4) Section 1, T3S, R4W, U.S.B.&M.*

SURVEYED BY: M.C.	DATE SURVEYED: 05-11-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 05-23-12	V4
SCALE: 1" = 60'	REVISED: F.T.M. 01-24-13	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Access Road Map



**Proposed Location
4-1-12-3-4WH**

See Topo "B"

Myton ± 13.0 mi.

± 0.5 mi.

± 2.7 mi.

± 1.0 mi.

± 1.5 mi.

Legend

- Existing Road
- Proposed Road
- Existing Road To Be Upgraded

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

4-1-12-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-24-13 D.C.R.	VERSION:
DATE:	05-23-2012			V4
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET
A

Access Road Map

Proposed Location
4-1-12-3-4WH

± 1,311'

± 2,246'

± 2,525'

± 3,753'

± 72'

± 2,005'

± 0.5 mi.

Myton ± 18.2 mi.

Legend

- Existing Road
- Proposed Road
- Existing Road To Be Upgraded
- Culvert Required

Total Road Distances

Proposed Road	± 9,387'
Existing Road To Be Upgraded	± 2,525'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

4-1-12-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-24-13 D.C.R.	VERSION:
DATE:	05-23-2012			V4
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map




**Proposed Location
4-1-12-3-4WH**

**Tie in at Proposed
Pipeline Corridor**

± 1,597'

± 3,872'

Legend

-  Existing Road
-  Proposed Road
-  Proposed Pipeline Corridor

Total Pipeline Distances

Proposed Pipeline Corridor ± 5,469'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

4-1-12-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-24-13 D.C.R.	VERSION:
DATE:	05-23-2012			V4
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP






SHEET
C1

Proposed Pipeline Map

Proposed Location
4-1-12-3-4WH

Tie in at Proposed
Pipeline Corridor

Legend

-  Existing Road
-  Existing Road To Be Upgraded
-  Proposed Road
-  Proposed Pipeline Corridor
-  Proposed Pipeline Future

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
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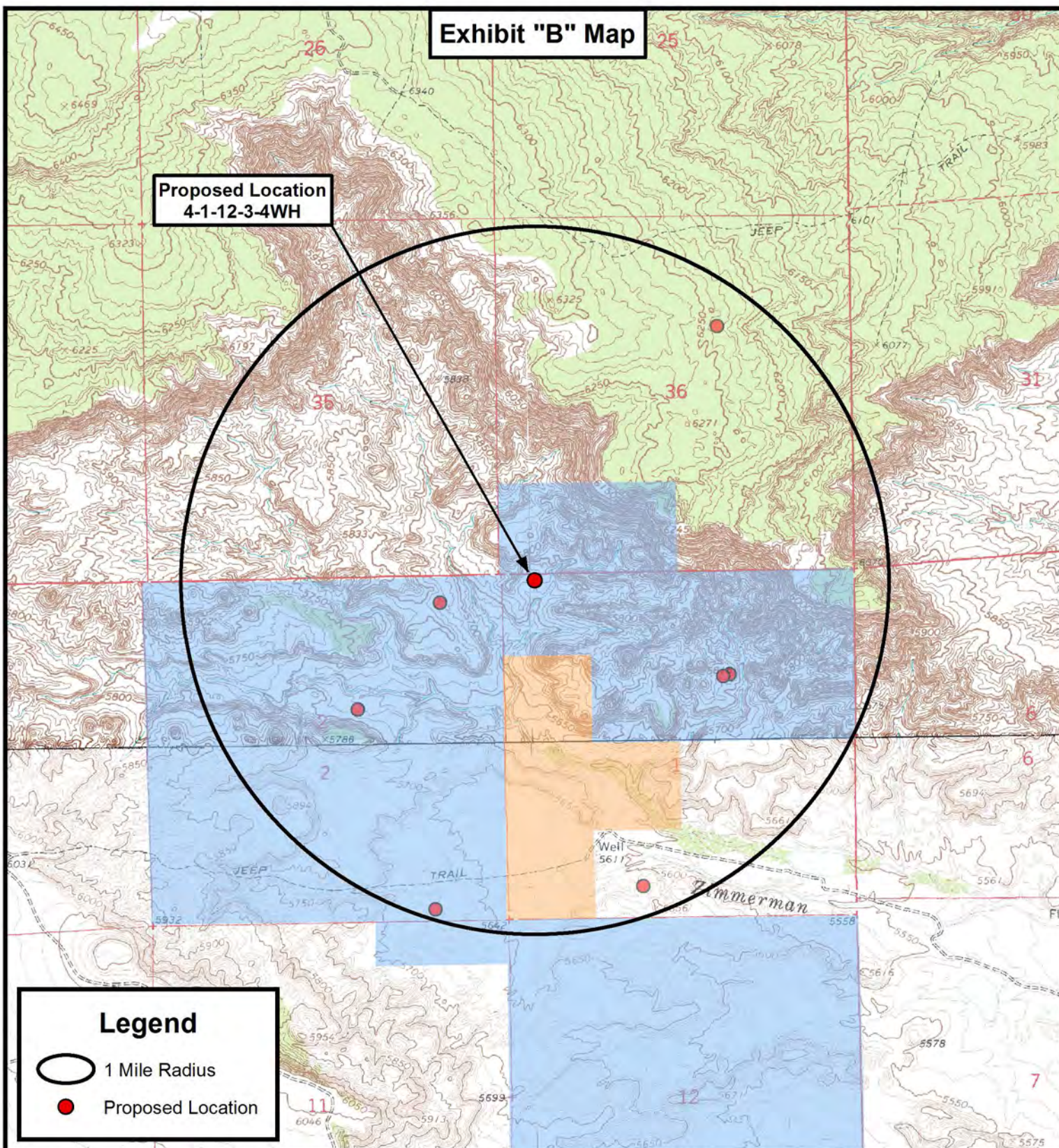
NEWFIELD EXPLORATION COMPANY

4-1-12-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-24-13 D.C.R.	VERSION:
DATE:	05-23-2012			V4
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
C2



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

4-1-12-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	01-24-13 D.C.R.	VERSION:
DATE:	05-23-2012			V4
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
D

Coordinate Report

[illegible]

NEWFIELD EXPLORATION COMPANY

4-1-12-3-4WH
SEC. 1, T3S, R4W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED: 01-24-13 D.C.R.
DATE:	09-07-2012	
VERSION:	V4	

COORDINATE REPORT

SHEET

1

NEWFIELD



January 31, 2013

Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Ute Tribal 4-1-12-3-4W Exception Location**
NWNW Section 1, T3S, R4W
Duchesne County, Utah

Dear Brad,

Newfield Production Company ("NPC") proposes to drill the Ute Tribal 4-1-12-3-4WH from a surface location of 89' FNL & 487' FWL of Section 1, T3S, R4W ("Exception Location"). Newfield shall case and cement the Ute Tribal 4-1-12-3-4WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL & 660' FWL of Section 1, T3S, R4W. The cased and cemented portion of the wellbore shall not be perforated nor produced. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

The proposed horizontal lateral of the Ute Tribal 4-1-12-3-4WH shall be drilled from north to south along the 660' FWL of Section 1 and Section 12 legal setback. In the event the horizontal lateral drifts west, this letter shall serve as consent to the exception location. Newfield and its partners own the majority leasehold of the western offset drilling and spacing units (Sections 2 & 11, T3S, R4W).

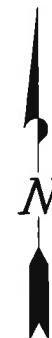
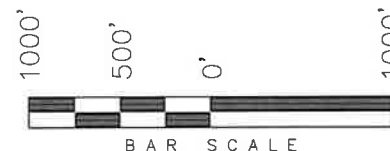
Due to these circumstances, NPC respectfully requests that DOGM administratively grant an exception location for the Ute Tribal 4-1-12-3-4W.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4138 or by email at rwaller@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

Ryan Waller
Landman

WELL LOCATION, 4-1-12-3-4WH,
LOCATED AS SHOWN IN THE NW 1/4
NW 1/4 (LOT 4) OF SECTION 1, T3S, R4W,
U.S.B.&M. DUCHESNE COUNTY, UTAH.



1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Top of Producing Interval bears S17°43'10"E 595.50' from the Top of Hole.



= SECTION CORNERS LOCATED

THIS IS TO CERTIFY THAT THE ABOVE PLOT WAS
PREPARED FROM FIELD NOTES OF ACADEMIC SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

REGISTERED SURVEYOR
 NO. 189377
 01-24-13
 STACY W.
 STEWART
 LAND SURVEYOR
 STATE OF UTAH

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-11-12	SURVEYED BY: M.C.	VERSION:
DATE DRAWN: 05-23-12	DRAWN BY: R.B.T.	V4
REVISED: 01-24-13 F.T.M.	SCALE: 1" = 1000'	

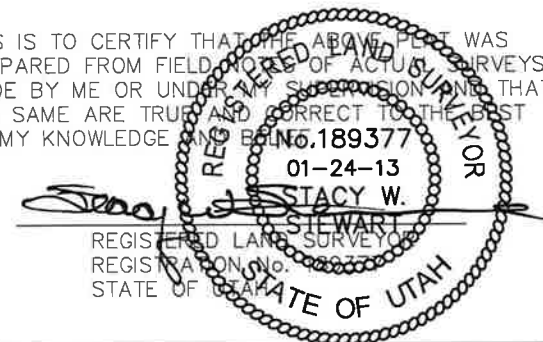
T3S, R4W, U.S.B.&M.**NEWFIELD EXPLORATION COMPANY**

TARGET BOTTOM HOLE, 4-1-12-3-4WH,
LOCATED AS SHOWN IN THE SW 1/4 SW
1/4 OF SECTION 12, T3S, R4W, U.S.B.&M.
DUCHESNE COUNTY, UTAH.

**NOTES:**

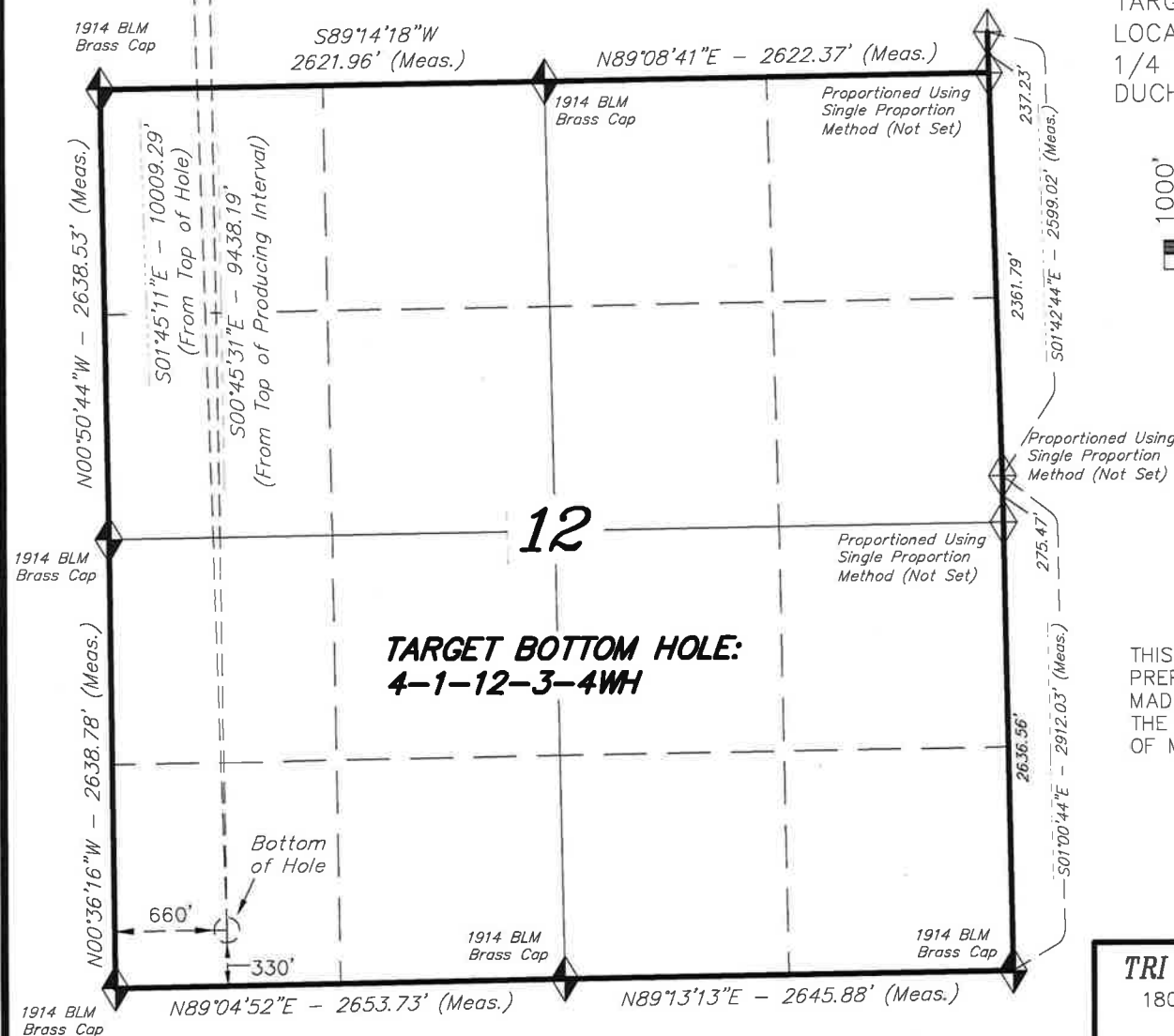
1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite Observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-11-12	SURVEYED BY: M.C.	VERSION:
DATE DRAWN: 12-18-12	DRAWN BY: F.T.M.	V4
REVISED: 01-24-13 F.T.M.	SCALE: 1" = 1000'	



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS
Correction. LOCATION: LAT. 40°04'09.56" LONG.
110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

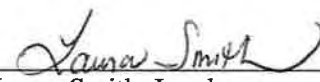
NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°13'44.75"
LONGITUDE = 110°17'29.32"
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°13'44.90"
LONGITUDE = 110°17'26.76"

AFFIDAVIT OF SURFACE OWNERSHIP AND SURFACE USE

Laura Smith personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Laura Smith. I am a Landman for Newfield RMI LLC ("Newfield RMI"), whose address is 1001 17th Street, Suite 2000, Denver, CO 80202.
2. Pursuant to that certain Special Warranty Deed dated June 20, 2012 from Alpine Partners, a Utah General Partnership, to Newfield RMI, recorded in Book A649, Page 533, and Document # 446789 of the official records of Duchesne County, Utah. Newfield RMI is the surface owner of the lands described on the attached Exhibit "A".
3. Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202, is the Operator of the proposed wells listed on Exhibit "B".
4. Newfield Production Company has the right to construct and operate the necessary easements, rights-of-way, drillsites and wells that are located on the lands described on the attached Exhibit "A".

FURTHER AFFIANT SAYETH NOT.



Laura Smith, Landman

ACKNOWLEDGEMENT

STATE OF COLORADO §
CITY AND §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 3rd day of July, 2012, personally appeared Laura Smith, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.



NOTARY PUBLIC

My Commission Expires:

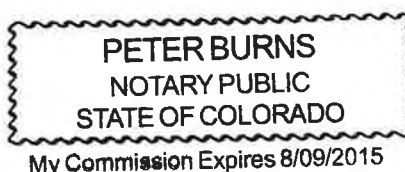


Exhibit "A"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 3rd day of July, 2012.

The Lands included in the Affidavit of Surface Ownership are further described as follows:

The "Lands"

Township 2 South, Range 3 West (980.00 acres)

Section 29: S½SW, NESW

Section 31: S½, S½NE

Section 32: W½, SWNE, W½SE, S½SESE

Township 2 South, Range 4 West (740.00 acres)

Section 34: S½SESW, SE

Section 35: S½, NE

Section 36: S½SW

Township 3 South, Range 3 West (2,277.87 acres)

Section 5: N½NE, NW, N½SW, SWSW, W½SESW

Section 6: All

Section 7: All

Section 8: W½W½SW, N½NW, Beginning at the West quarter corner of said Section 8; thence North 0°38'46" West 1,318.41 feet to the Northwest corner of the South half of the Northwest quarter; thence North 88°13'17" East 2,650.54 feet, to the Northeast quarter of the South half of the Northwest quarter; thence South 0°55'29" East 662.49 feet, to the Southeast corner of the Northeast quarter of the Southeast quarter of the Northwest quarter; thence North 85°22' West 1,871.00 feet; thence South 11°25' West 605.62 feet; thence South 0°41'34" East 276.77 feet to the Southeast corner of the Southwest quarter of the Southwest quarter of the Northwest quarter; thence South 88°21'56" West 664.21 feet, to the point of beginning.

Section 17: N½NWNW, SWNWNW

Section 18: NENW, NE, E½SE, E½SW, E½NWSW, S½NW

Township 3 South, Range 4 West (2,680.36 acres)

Section 1: N½N½, SENW, S½NE, SE, SESW

Section 2: All

Section 3: N½N½, SENW, S½NE, NWSE, N½NESE

Section 11: N½NW, NE, SENW

Section 12: All

Section 13: N½

LESS AND EXCEPT that certain tract of land referred to as the "Oil Pond" consisting of approximately 24.17 acres m/l, and further described as follows:

Commencing at the Southeast corner of Section 7, Township 3 South, Range 3 West of the Uintah Special Base and Meridian; thence North 0°36'34" West 1724.05 feet along the East line of said section; thence West 159.51 feet to the True point of beginning; thence running South 8°57'49" West 758.59 feet; thence South 87°13'57" West 479.90 feet; thence North 48°33'06" West 398.50 feet; thence South 82°50'37" West 321.82 feet; thence North 49°00'01" West 358.70 feet; thence North 49°50'42" East 306.66 feet; thence North 45°33'40" East 727.75 feet; thence South 61°36'00" East 830.71 feet to the True point of beginning.

Covering approximately 6,678.23 acres of land, more or less, in Duchesne County, Utah.

Exhibit “B”

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 3rd day of July, 2012.

The Wells included in the Affidavit of Surface Ownership and Surface Use are further described as follows:

UT 1-18-3-3WH

Drillsite located in the NENE of Section 18, Township 3 South, Range 3 West, with a bottom hole location in the SESE of Section 18, Township 3 South, Range 3 West, Duchesne County, Utah.

Lois 9-34-2-4W

Drillsite located in the NESE of Section 34, Township 2 South, Range 4 West, Duchesne County, Utah.

UT 1-2-3-4WH

Drillsite located in the NENE of Section 2, Township 3 South, Range 4 West, and a bottom hole location in the SESE of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 1-6-3-3WH

Drillsite located in both the NENE of Section 6, Township 3 South, Range 3 West and the NWNE of Section 6, Township 3 South, Range 3 West, with a bottom hole location in the SESE of Section 6 Township 3 South, Range 3 West, Duchesne County, Utah.

UT 1-11-3-4WH

Drillsite located in the SESE of Section 2, Township 3 South, Range 4 West, with a well bore point of entry in the NENE of Section 11, Township 3 South, Range 4 West and a bottom hole location in the SESE of Section 11, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 1-12-3-4WH

Drillsite located in the NWNE of Section 12, Township 3 South, Range 4 West, with a wellbore point of entry in the NENE of Section 12, Township 3 South, Range 4 West, and a bottom hole location in the SESE of Section 12, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-1-3-4WH

Drillsite located in both the NWNW of Section 1, Township 3 South, Range 4 West, and the SWSW of Section 36, Township 2 South, Range 4 West, with a bottom hole location in the SWSW of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-2-3-4WH

Drillsite located in the NWNW of Section 2, Township 3 South, Range 4 West, with a bottom hole location in the SWSW of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 4-5-3-3WH

Drillsite located in the NWNW of Section 5, Township 3 South, Range 3 West, with a bottom hole location in the SWSW of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-6-3-3WH

Drillsite located in both the NENW of Section 6, Township 3 South, Range 3 West, and the NWNW of Section 6, Township 3 South, Range 3 West, with a well bore point of entry in the NWNW of Section 6, Township 3 South, Range 3 West, and a bottom hole location in the SWSW of Section 6, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-32-2-3WH

Drillsite located in both the NWNW of Section 32, Township 2 South, Range 3 West, and the SWSW of Section 29, Township 2 South, Range 3 West, with a well bore point of entry in the NWNW of Section 32, Township 2 South, Range 3 West, and a bottom hole location in the SWSW of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

Exhibit "B" continued

UT 7-1-3-4W

Drillsite located in the SWNE of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-2-3-4W

Drillsite located in the SWNE of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-6-3-3W

Drillsite located in the SWNE of Section 6, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 10-31-2-3W

Drillsite located in both the NWSE of Section 31, Township 2 South, Range 3 West, and the SWNE of Section 31, Township 2 South, Range 3 West, with a bottom hole location in the NWSE of Section 31, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 7-32-2-3W

Drillsite located in both the SEnw of Section 32, Township 2 South, Range 3 West, and the SWNE of Section 32, Township 2 South, Range 3 West, with a bottom hole location in the SWNE of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 12-7-3-3W

Drillsite located in both the SWNW of Section 7, Township 3 South, Range 3 West, and the NWSW of Section 7, Township 3 South, Range 3 West, with a bottom hole location in the NWSW of Section 7, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 13-31-2-3W

Drillsite located in the SWSW of Section 31, Township 2 South, Range 3 West, Duchesne County, Utah.

UT 14-1-3-4W

Drillsite located in the SESW of Section 1, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 14-2-3-4W

Drillsite located in the SESW of Section 2, Township 3 South, Range 4 West, Duchesne County, Utah.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 03 2012

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. 1420H626338-0475	
CONFIDENTIAL		6. If Indian, Allottee or Tribe Name	
		7. If Unit or CA Agreement, Name and No.	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		8. Lease Name and Well No. UTE TRIBAL 4-1-12-3-4WH	
2. Name of Operator NEWFIELD PRODUCTION COMPANY		9. API Well No. 43-013-511042	
3a. Address RT 3 BOX 3630 MYTON, UT 84052		10. Field and Pool, or Exploratory UNDESIGNATED	
3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019		11. Sec., T., R., M., or Blk. and Survey or Area Sec 1 T3S R4W Mer UBM Sec 12 T3S R4W Mer UBM	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW Lot 4 89FNL 487FWL 40.256560 N Lat, 110.292089 W Lon At proposed prod. zone SWSW 330FSL 660FWL 40.229096 N Lat, 110.291477 W Lon		12. County or Parish DUCHESNE	
14. Distance in miles and direction from nearest town or post office* 21.0 MILES NW OF MYTON, UT		13. State UT	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 89		17. Spacing Unit dedicated to this well 1280.00	
16. No. of Acres in Lease 6678.00		20. BLM/BIA Bond No. on file RLB00100473	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1425		23. Estimated duration 60	
19. Proposed Depth 19700 MD 9738 TVD		21. Elevations (Show whether DF, KB, RT, GL, etc.) 5723 GL	
22. Approximate date work will start 09/15/2013			

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 02/01/2013
Title PERMITTING AGENT		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date FEB 19 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #145370 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal

RECEIVED
FEB 22 2013

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

DO NOT



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Ute Tribal 4-1-12-3-4WH
API No: 43-013-51642

Location: Lot 4, Sec. 1, T3S, R4W
Lease No: 14-20-H62-6388
Agreement: Rocky Point EDA

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

CONDITIONS OF APPROVAL:

- Low bleed pneumatics will be installed on separator dump valves, and other controllers when feasible. The use of low bleed pneumatics would result in a lower emission of VOCs.
- Newfield will use lean burn, low NOX emitting compressor engines (i.e., less than 2 grams/hp hour).
- It is recommend that Newfield consult with the Utah Division of Wildlife Resources to minimize impacts to birds, particularly greater sage grouse, protected under the Migratory Bird Treaty Act and to ensure compliance with Federal and State laws protecting Migratory Birds.
- Newfield will not pump surface water from the Green River. Specifically, for Newfield's development, water collection wells will be connected to a centralized pumping station via underground waterlines. The water wells will be developed using conventional drilling methods. Each well will extend to a depth of approximately 100 feet below the surface.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Gamma Ray Log shall be run from Total Depth to surface.
- Cement for surface casing shall be circulated to surface.
- Cement for intermediate casing shall be brought to 200 ft. above surface casing shoe.

Variance Request

- Variance for air drilling approved per APD.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: UTE TRIBAL 4-1-12-3-4WH			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013516420000			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0089 FNL 0487 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 01 Township: 03.0S Range: 04.0W Meridian: U		9. FIELD and POOL or WILDCAT: ALTAMONT COUNTY: DUCHESNE STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/24/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company requests approval to deep set 9 5/8" casing into the Black Shale and drill 8.75" curve and lateral. The curve and lateral will be drilled on OBM. Production casing will be a 5.5" string run to surface. The Permit has been updated with all verbiage that was requested regarding the 9 5/8" casing. The sundry also requests a change in directional scope to set the 9 5/8" casing at setback to isolate the well from offset partners.					
NAME (PLEASE PRINT) Don Hamilton		PHONE NUMBER 435 719-2018			
SIGNATURE N/A		TITLE Permitting Agent DATE 6/19/2013			

Newfield Production Company
Ute Tribal 4-1-12-3-4WH
Surface Hole Location: 89' FNL, 487' FWL, Section 1, T3S, R4W
Bottom Hole Location: 660' FSL, 660' FWL, Section 1, T3S, R4W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	Surface
Green River	5,096'
Garden Gulch member	7,493'
Uteland Butte 'C'	9,941'
Lateral TD	9,452' TVD / 19,195' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	2,201'	(water)
Green River	7,493' - 9,941'	(oil)
Uteland Butte 'C'	9,941' - 9,452'	(oil)

3. Pressure Control

Section BOP Description

Surface No control

Intermediate The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. We will test the system to 5M

Prod/Prod Liner The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. If a test is required during the drilling of the production interval we will test all components to 6,500 PSI.

A 10M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 10,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Couple	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 20	0'	60'	--	--	Weld	--	--	--	--	--	--
Surface 13 3/8	0'	1,248'	54.5	J-55	LTC	8.33	8.33	14	2,730	1,130	909
									3.29	2.85	0.01
Intermediate 9 5/8	0'	9,508'	40	N-80	BTC	10.5	11	15	5,750	3,090	630,000
		9,547.00							1.52	1.14	1.66
Production Casing	0'	9,452'	20	P 110	Tenaris	14	14.5	15	12,640	11,080	641,000

5 1/2	0	19,195'	40	5-110	XP	14	14.5	15	2.18	1.79	1.67
-------	---	---------	----	-------	----	----	------	----	------	------	------

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

Intermediate collapse calculations assume 50% evacuated

Maximum intermediate csg collapse load assumes loss of mud to a fluid level of 4,574'

Intermediate csg run from surface to 9,508' and will not experience full evacuation

Production csg run from surface to TD will isolate intermediate csg from production loads

Production csg withstands burst and collapse loads for anticipated production conditions

Surface & production collapse calcs assume fully evacuated casing w/ a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Conductor	24	60'	Class G 15.8ppg w/2% CaCl	66	15%	15.8	1.17
				57			
Surface Slurry	17 1/2	1,248'	EconoCem 15.8 G w/2% CaCl	1734	100%	15.8	1.17
				1482			
Intermediate Lead	12 1/4	9,047'	ECONOCCEM 12.0 PPG w/.4% HR-800 .25 lbm/sx Poly-E-Flake (LCM additive)	5667	100%	11.0	2.86
				1982			
Intermediate Tail	12 1/4	500'	BONDCEM 14 PPG w/.2% HR-800 & 1 lbm/sx Granulite TR (LCM additive)	235	50%	14.0	1.34
				175			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
-----------------	--------------------

Surface - 1,248'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

1,248' - TD One of two possible mud systems may be used depending on offset well performance on ongoing wells:
A water based mud: Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride).

Anticipated maximum mud weight is 14.0 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from KOP to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from KOP to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.80 psi/ft gradient.

$$9,452' \times 0.80 \text{ psi/ft} = 7562 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

After setting 9-5/8" casing, an 8-3/4" vertical hole will be drilled to a kick off point of 9,622' .

Directional tools will then be used to build to 92.87 degrees inclination.

The lateral will be drilled to the bottomhole location shown on the plat.

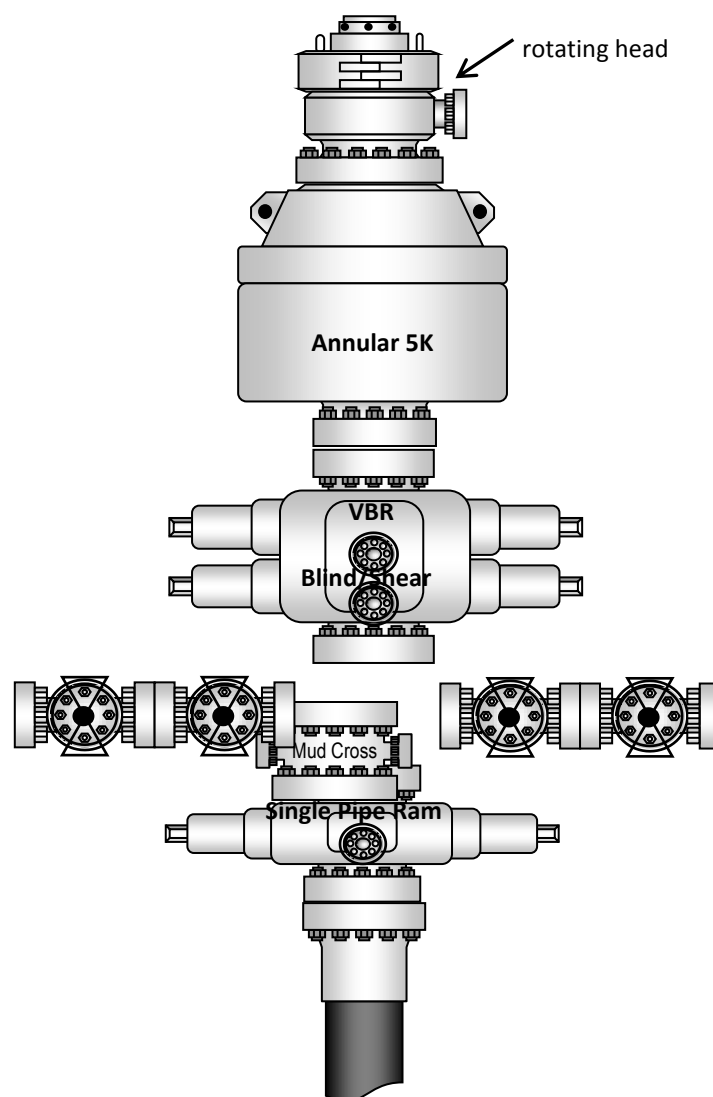
A 5.5" Longstring will be run from TD to surface. Open hole completions with sliding sleeve and packer completion assembly will be utilized. We will place a casing packer at the 9 5/8" shoe and a swell packer at the heel of the well for casing stability and frac isolation.

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

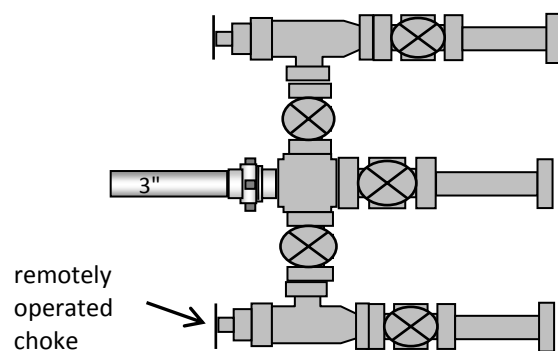
If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No

trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

Typical 10M BOP stack configuration

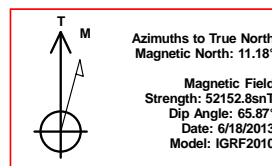
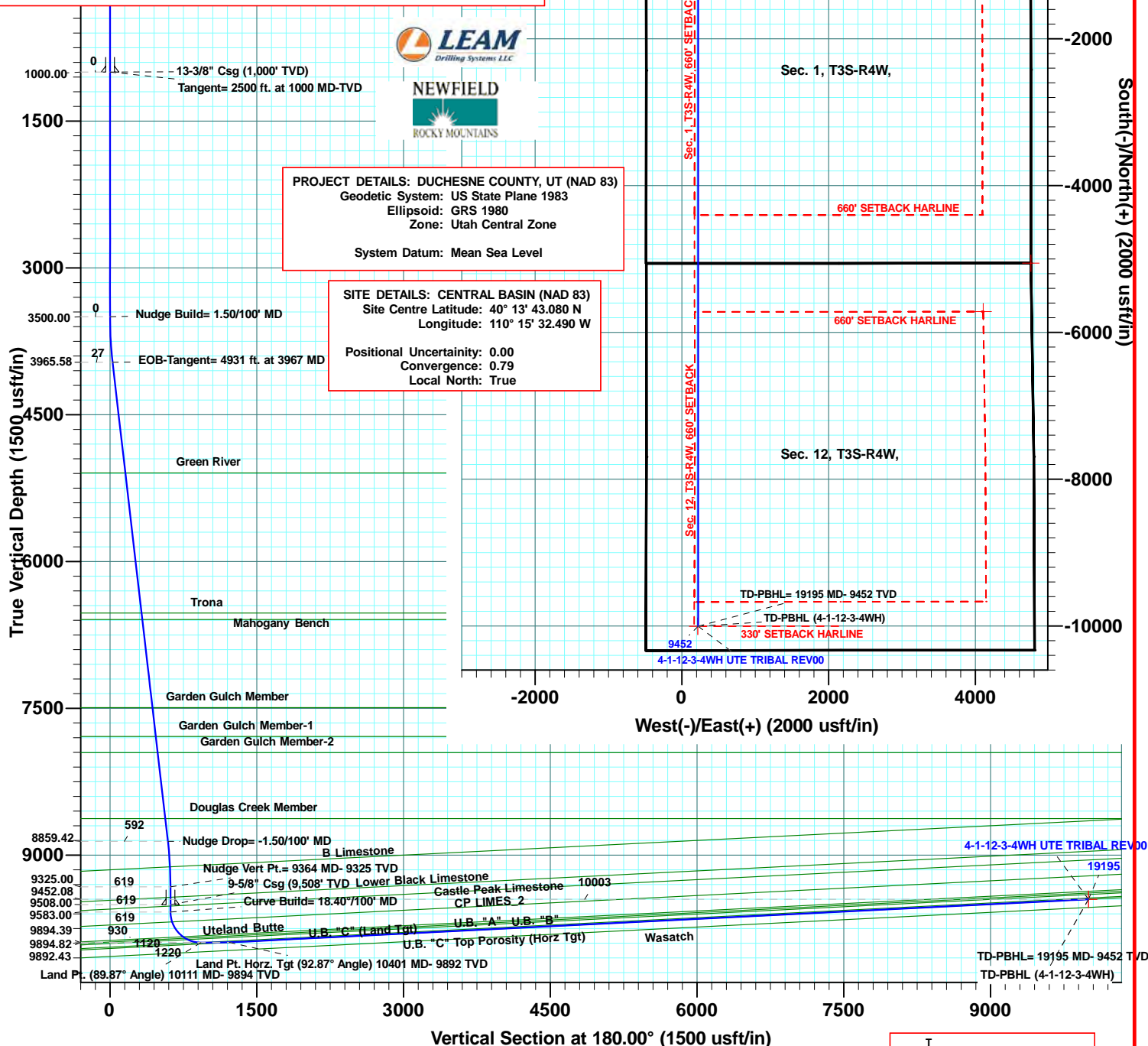


Typical 10M choke manifold configuration



LEAM Drilling Systems, Inc.
FOR
NEWFIELD EXPLORATION ROCKY MOUNTAINS
WELL: UTE TRIBAL 4-1-12-3-4WH (PLAN: REV00)
DUCHESNE COUNTY, UTAH
RIG NAME: PIONEER 78 (KB= 28')
DATE: JUNE 15, 2013 -- WELL PLAN PLOT

WELL DETAILS: 4-1-12-3-4WH
 Ground Level: 5723.00
 Easting 1977523.5240° 15' 23.610 M
 Longitude 110° 17' 31.520 W
 Slot



Plan: 4-1-12-3-4WH UTE TRIBAL REV00 (4-1-12-3-4WH/4-1-12-3-4WH "UTE TRIBAL")
 Created By: Chad Dubois Date: 16:34, June 15 2013

Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

Project	DUCHESNE COUNTY, UT (NAD 83),		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	CENTRAL BASIN (NAD 83)		
Site Position:		Northing:	7,254,409.48 usft
From:	Lat/Long	Easting:	1,986,891.62 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	40° 13' 43.080 N
		Longitude:	110° 15' 32.490 W
		Grid Convergence:	0.79 °

Well	4-1-12-3-4WH, Ute Tribal		
Well Position	+N/-S	10,174.04 usft	Northing: 7,264,454.51 usft
	+E/-W	-9,227.83 usft	Easting: 1,977,523.52 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	5,751.00 usft
		Latitude:	40° 15' 23.610 N
		Longitude:	110° 17' 31.520 W
		Ground Level:	5,723.00 usft

Wellbore	4-1-12-3-4WH "UTE TRIBAL"				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/18/2013	11.18	65.87	52,153

Design	4-1-12-3-4WH UTE TRIBAL REV00				
Audit Notes:					
Version:	REV00	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	180.00	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,966.74	7.00	160.19	3,965.58	-26.79	9.65	1.50	1.50	0.00	160.19	
8,897.35	7.00	160.19	8,859.42	-592.21	213.35	0.00	0.00	0.00	0.00	
9,364.08	0.00	0.00	9,325.00	-619.00	223.00	1.50	-1.50	0.00	180.00	
9,547.08	0.00	0.00	9,508.00	-619.00	223.00	0.00	0.00	0.00	0.00	
9,622.08	0.00	0.00	9,583.00	-619.00	223.00	0.00	0.00	0.00	0.00	
10,110.51	89.87	180.00	9,894.39	-929.68	223.00	18.40	18.40	0.00	180.00	
10,300.51	89.87	180.00	9,894.82	-1,119.68	223.00	0.00	0.00	0.00	0.00	
10,400.51	92.87	180.00	9,892.43	-1,219.64	223.00	3.00	3.00	0.00	0.00	
19,195.24	92.87	180.00	9,452.08	-10,003.35	223.00	0.00	0.00	0.00	0.00	TD-PBHL (4-1-12-3



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start 1000.00 hold at 0.00 MD									
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Tangent= 2500 ft. at 1000 MD-TVD - 13-3/8" Csg (1,000' TVD)									
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
Nudge Build= 1.50/100' MD									
3,600.00	1.50	160.19	3,599.99	-1.23	0.44	1.23	1.50	1.50	0.00
3,700.00	3.00	160.19	3,699.91	-4.92	1.77	4.92	1.50	1.50	0.00
3,800.00	4.50	160.19	3,799.69	-11.08	3.99	11.08	1.50	1.50	0.00
3,900.00	6.00	160.19	3,899.27	-19.69	7.09	19.69	1.50	1.50	0.00
3,966.74	7.00	160.19	3,965.58	-26.79	9.65	26.79	1.50	1.50	0.00
EOB-Tangent= 4931 ft. at 3967 MD									
4,000.00	7.00	160.19	3,998.59	-30.61	11.03	30.61	0.00	0.00	0.00
4,100.00	7.00	160.19	4,097.85	-42.08	15.16	42.08	0.00	0.00	0.00
4,200.00	7.00	160.19	4,197.10	-53.54	19.29	53.54	0.00	0.00	0.00
4,300.00	7.00	160.19	4,296.35	-65.01	23.42	65.01	0.00	0.00	0.00
4,400.00	7.00	160.19	4,395.61	-76.48	27.55	76.48	0.00	0.00	0.00
4,500.00	7.00	160.19	4,494.86	-87.95	31.68	87.95	0.00	0.00	0.00



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,600.00	7.00	160.19	4,594.12	-99.41	35.81	99.41	0.00	0.00	0.00
4,700.00	7.00	160.19	4,693.37	-110.88	39.95	110.88	0.00	0.00	0.00
4,800.00	7.00	160.19	4,792.63	-122.35	44.08	122.35	0.00	0.00	0.00
4,900.00	7.00	160.19	4,891.88	-133.82	48.21	133.82	0.00	0.00	0.00
5,000.00	7.00	160.19	4,991.14	-145.28	52.34	145.28	0.00	0.00	0.00
5,100.00	7.00	160.19	5,090.39	-156.75	56.47	156.75	0.00	0.00	0.00
5,105.65	7.00	160.19	5,096.00	-157.40	56.70	157.40	0.00	0.00	0.00
Green River									
5,200.00	7.00	160.19	5,189.64	-168.22	60.60	168.22	0.00	0.00	0.00
5,300.00	7.00	160.19	5,288.90	-179.68	64.73	179.68	0.00	0.00	0.00
5,400.00	7.00	160.19	5,388.15	-191.15	68.86	191.15	0.00	0.00	0.00
5,500.00	7.00	160.19	5,487.41	-202.62	73.00	202.62	0.00	0.00	0.00
5,600.00	7.00	160.19	5,586.66	-214.09	77.13	214.09	0.00	0.00	0.00
5,700.00	7.00	160.19	5,685.92	-225.55	81.26	225.55	0.00	0.00	0.00
5,800.00	7.00	160.19	5,785.17	-237.02	85.39	237.02	0.00	0.00	0.00
5,900.00	7.00	160.19	5,884.42	-248.49	89.52	248.49	0.00	0.00	0.00
6,000.00	7.00	160.19	5,983.68	-259.96	93.65	259.96	0.00	0.00	0.00
6,100.00	7.00	160.19	6,082.93	-271.42	97.78	271.42	0.00	0.00	0.00
6,200.00	7.00	160.19	6,182.19	-282.89	101.91	282.89	0.00	0.00	0.00
6,300.00	7.00	160.19	6,281.44	-294.36	106.05	294.36	0.00	0.00	0.00
6,400.00	7.00	160.19	6,380.70	-305.83	110.18	305.83	0.00	0.00	0.00
6,500.00	7.00	160.19	6,479.95	-317.29	114.31	317.29	0.00	0.00	0.00
6,547.40	7.00	160.19	6,527.00	-322.73	116.27	322.73	0.00	0.00	0.00
Trona									
6,600.00	7.00	160.19	6,579.21	-328.76	118.44	328.76	0.00	0.00	0.00
6,613.90	7.00	160.19	6,593.00	-330.35	119.01	330.35	0.00	0.00	0.00
Mahogany Bench									
6,700.00	7.00	160.19	6,678.46	-340.23	122.57	340.23	0.00	0.00	0.00
6,800.00	7.00	160.19	6,777.71	-351.70	126.70	351.70	0.00	0.00	0.00
6,900.00	7.00	160.19	6,876.97	-363.16	130.83	363.16	0.00	0.00	0.00
7,000.00	7.00	160.19	6,976.22	-374.63	134.96	374.63	0.00	0.00	0.00
7,100.00	7.00	160.19	7,075.48	-386.10	139.09	386.10	0.00	0.00	0.00
7,200.00	7.00	160.19	7,174.73	-397.56	143.23	397.56	0.00	0.00	0.00
7,300.00	7.00	160.19	7,273.99	-409.03	147.36	409.03	0.00	0.00	0.00
7,400.00	7.00	160.19	7,373.24	-420.50	151.49	420.50	0.00	0.00	0.00
7,500.00	7.00	160.19	7,472.49	-431.97	155.62	431.97	0.00	0.00	0.00
7,520.66	7.00	160.19	7,493.00	-434.34	156.47	434.34	0.00	0.00	0.00
Garden Gulch Member									
7,600.00	7.00	160.19	7,571.75	-443.43	159.75	443.43	0.00	0.00	0.00
7,700.00	7.00	160.19	7,671.00	-454.90	163.88	454.90	0.00	0.00	0.00
7,800.00	7.00	160.19	7,770.26	-466.37	168.01	466.37	0.00	0.00	0.00
7,817.88	7.00	160.19	7,788.00	-468.42	168.75	468.42	0.00	0.00	0.00
Garden Gulch Member-1									
7,900.00	7.00	160.19	7,869.51	-477.84	172.14	477.84	0.00	0.00	0.00
7,985.12	7.00	160.19	7,954.00	-487.60	175.66	487.60	0.00	0.00	0.00
Garden Gulch Member-2									
8,000.00	7.00	160.19	7,968.77	-489.30	176.28	489.30	0.00	0.00	0.00
8,100.00	7.00	160.19	8,068.02	-500.77	180.41	500.77	0.00	0.00	0.00
8,200.00	7.00	160.19	8,167.28	-512.24	184.54	512.24	0.00	0.00	0.00
8,300.00	7.00	160.19	8,266.53	-523.71	188.67	523.71	0.00	0.00	0.00
8,400.00	7.00	160.19	8,365.78	-535.17	192.80	535.17	0.00	0.00	0.00



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,500.00	7.00	160.19	8,465.04	-546.64	196.93	546.64	0.00	0.00	0.00
8,600.00	7.00	160.19	8,564.29	-558.11	201.06	558.11	0.00	0.00	0.00
8,663.18	7.00	160.19	8,627.00	-565.35	203.67	565.35	0.00	0.00	0.00
Douglas Creek Member									
8,700.00	7.00	160.19	8,663.55	-569.58	205.19	569.58	0.00	0.00	0.00
8,800.00	7.00	160.19	8,762.80	-581.04	209.33	581.04	0.00	0.00	0.00
8,897.35	7.00	160.19	8,859.42	-592.21	213.35	592.21	0.00	0.00	0.00
Nudge Drop= -1.50/100' MD									
8,900.00	6.96	160.19	8,862.06	-592.51	213.46	592.51	1.50	-1.50	0.00
9,000.00	5.46	160.19	8,961.47	-602.69	217.12	602.69	1.50	-1.50	0.00
9,100.00	3.96	160.19	9,061.13	-610.41	219.91	610.41	1.50	-1.50	0.00
9,159.21	3.07	160.19	9,120.23	-613.83	221.14	613.83	1.50	-1.50	0.00
B Limestone									
9,200.00	2.46	160.19	9,160.97	-615.68	221.81	615.68	1.50	-1.50	0.00
9,300.00	0.96	160.19	9,260.92	-618.49	222.82	618.49	1.50	-1.50	0.00
9,364.08	0.00	0.00	9,325.00	-619.00	223.00	619.00	1.50	-1.50	0.00
Nudge Vert Pt.= 9364 MD- 9325 TVD									
9,400.00	0.00	0.00	9,360.92	-619.00	223.00	619.00	0.00	0.00	0.00
9,471.05	0.00	0.00	9,431.97	-619.00	223.00	619.00	0.00	0.00	0.00
Lower Black Limestone									
9,500.00	0.00	0.00	9,460.92	-619.00	223.00	619.00	0.00	0.00	0.00
9,547.08	0.00	0.00	9,508.00	-619.00	223.00	619.00	0.00	0.00	0.00
Tangent= 75 ft. at 9547 MD									
9,560.05	0.00	0.00	9,520.97	-619.00	223.00	619.00	0.00	0.00	0.00
Castle Peak Limestone									
9,600.00	0.00	0.00	9,560.92	-619.00	223.00	619.00	0.00	0.00	0.00
9,622.08	0.00	0.00	9,583.00	-619.00	223.00	619.00	0.00	0.00	0.00
Curve Build= 18.40°/100' MD									
9,625.00	0.54	180.00	9,585.92	-619.01	223.00	619.01	18.40	18.40	0.00
9,650.00	5.14	180.00	9,610.88	-620.25	223.00	620.25	18.40	18.40	0.00
9,675.00	9.74	180.00	9,635.66	-623.49	223.00	623.49	18.40	18.40	0.00
9,700.00	14.34	180.00	9,660.11	-628.70	223.00	628.70	18.40	18.40	0.00
9,723.00	18.57	180.00	9,682.16	-635.21	223.00	635.21	18.40	18.40	0.00
CP LIMES_2									
9,725.00	18.94	180.00	9,684.05	-635.85	223.00	635.85	18.40	18.40	0.00
9,750.00	23.54	180.00	9,707.35	-644.91	223.00	644.91	18.40	18.40	0.00
9,775.00	28.14	180.00	9,729.84	-655.80	223.00	655.80	18.40	18.40	0.00
9,800.00	32.74	180.00	9,751.39	-668.46	223.00	668.46	18.40	18.40	0.00
9,825.00	37.34	180.00	9,771.86	-682.81	223.00	682.81	18.40	18.40	0.00
9,850.00	41.94	180.00	9,791.10	-698.75	223.00	698.75	18.40	18.40	0.00
9,875.00	46.54	180.00	9,809.01	-716.19	223.00	716.19	18.40	18.40	0.00
9,900.00	51.14	180.00	9,825.46	-735.00	223.00	735.00	18.40	18.40	0.00
9,914.95	53.89	180.00	9,834.56	-746.86	223.00	746.86	18.40	18.40	0.00
Uteland Butte									
9,925.00	55.74	180.00	9,840.35	-755.08	223.00	755.08	18.40	18.40	0.00
9,943.61	59.16	180.00	9,850.36	-770.76	223.00	770.76	18.40	18.40	0.00
U.B. "A"									
9,950.00	60.34	180.00	9,853.58	-776.28	223.00	776.28	18.40	18.40	0.00
9,972.67	64.51	180.00	9,864.08	-796.37	223.00	796.37	18.40	18.40	0.00
U.B. "B"									



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,975.00	64.94	180.00	9,865.07	-798.48	223.00	798.48	18.40	18.40	0.00
10,000.00	69.54	180.00	9,874.74	-821.52	223.00	821.52	18.40	18.40	0.00
10,025.00	74.14	180.00	9,882.53	-845.27	223.00	845.27	18.40	18.40	0.00
10,050.00	78.74	180.00	9,888.39	-869.57	223.00	869.57	18.40	18.40	0.00
10,075.00	83.34	180.00	9,892.29	-894.26	223.00	894.26	18.40	18.40	0.00
10,100.00	87.94	180.00	9,894.19	-919.18	223.00	919.18	18.40	18.40	0.00
10,110.51	89.87	180.00	9,894.39	-929.68	223.00	929.68	18.40	18.40	0.00
Land Pt. (89.87° Angle) 10111 MD- 9894 TVD									
10,110.57	89.87	180.00	9,894.39	-929.74	223.00	929.74	0.00	0.00	0.00
U.B. "C" (Land Tgt)									
10,200.00	89.87	180.00	9,894.59	-1,019.17	223.00	1,019.17	0.00	0.00	0.00
10,300.51	89.87	180.00	9,894.82	-1,119.68	223.00	1,119.68	0.00	0.00	0.00
Curve Build= 3.00°/100' MD									
10,400.51	92.87	180.00	9,892.43	-1,219.64	223.00	1,219.64	3.00	3.00	0.00
Land Pt. Horz. Tgt (92.87° Angle) 10401 MD- 9892 TVD									
10,500.00	92.87	180.00	9,887.45	-1,319.01	223.00	1,319.01	0.00	0.00	0.00
10,600.00	92.87	180.00	9,882.44	-1,418.88	223.00	1,418.88	0.00	0.00	0.00
10,700.00	92.87	180.00	9,877.43	-1,518.76	223.00	1,518.76	0.00	0.00	0.00
10,800.00	92.87	180.00	9,872.43	-1,618.63	223.00	1,618.63	0.00	0.00	0.00
10,900.00	92.87	180.00	9,867.42	-1,718.51	223.00	1,718.51	0.00	0.00	0.00
11,000.00	92.87	180.00	9,862.41	-1,818.38	223.00	1,818.38	0.00	0.00	0.00
11,100.00	92.87	180.00	9,857.41	-1,918.26	223.00	1,918.26	0.00	0.00	0.00
11,200.00	92.87	180.00	9,852.40	-2,018.13	223.00	2,018.13	0.00	0.00	0.00
11,300.00	92.87	180.00	9,847.39	-2,118.01	223.00	2,118.01	0.00	0.00	0.00
11,400.00	92.87	180.00	9,842.39	-2,217.88	223.00	2,217.88	0.00	0.00	0.00
11,500.00	92.87	180.00	9,837.38	-2,317.76	223.00	2,317.76	0.00	0.00	0.00
11,600.00	92.87	180.00	9,832.37	-2,417.63	223.00	2,417.63	0.00	0.00	0.00
11,700.00	92.87	180.00	9,827.36	-2,517.50	223.00	2,517.50	0.00	0.00	0.00
11,800.00	92.87	180.00	9,822.36	-2,617.38	223.00	2,617.38	0.00	0.00	0.00
11,900.00	92.87	180.00	9,817.35	-2,717.25	223.00	2,717.25	0.00	0.00	0.00
12,000.00	92.87	180.00	9,812.34	-2,817.13	223.00	2,817.13	0.00	0.00	0.00
12,100.00	92.87	180.00	9,807.34	-2,917.00	223.00	2,917.00	0.00	0.00	0.00
12,200.00	92.87	180.00	9,802.33	-3,016.88	223.00	3,016.88	0.00	0.00	0.00
12,300.00	92.87	180.00	9,797.32	-3,116.75	223.00	3,116.75	0.00	0.00	0.00
12,400.00	92.87	180.00	9,792.32	-3,216.63	223.00	3,216.63	0.00	0.00	0.00
12,500.00	92.87	180.00	9,787.31	-3,316.50	223.00	3,316.50	0.00	0.00	0.00
12,600.00	92.87	180.00	9,782.30	-3,416.38	223.00	3,416.38	0.00	0.00	0.00
12,700.00	92.87	180.00	9,777.29	-3,516.25	223.00	3,516.25	0.00	0.00	0.00
12,800.00	92.87	180.00	9,772.29	-3,616.12	223.00	3,616.12	0.00	0.00	0.00
12,900.00	92.87	180.00	9,767.28	-3,716.00	223.00	3,716.00	0.00	0.00	0.00
13,000.00	92.87	180.00	9,762.27	-3,815.87	223.00	3,815.87	0.00	0.00	0.00
13,100.00	92.87	180.00	9,757.27	-3,915.75	223.00	3,915.75	0.00	0.00	0.00
13,200.00	92.87	180.00	9,752.26	-4,015.62	223.00	4,015.62	0.00	0.00	0.00
13,300.00	92.87	180.00	9,747.25	-4,115.50	223.00	4,115.50	0.00	0.00	0.00
13,400.00	92.87	180.00	9,742.25	-4,215.37	223.00	4,215.37	0.00	0.00	0.00
13,500.00	92.87	180.00	9,737.24	-4,315.25	223.00	4,315.25	0.00	0.00	0.00
13,600.00	92.87	180.00	9,732.23	-4,415.12	223.00	4,415.12	0.00	0.00	0.00
13,700.00	92.87	180.00	9,727.22	-4,515.00	223.00	4,515.00	0.00	0.00	0.00
13,800.00	92.87	180.00	9,722.22	-4,614.87	223.00	4,614.87	0.00	0.00	0.00
13,900.00	92.87	180.00	9,717.21	-4,714.75	223.00	4,714.75	0.00	0.00	0.00
14,000.00	92.87	180.00	9,712.20	-4,814.62	223.00	4,814.62	0.00	0.00	0.00
14,100.00	92.87	180.00	9,707.20	-4,914.49	223.00	4,914.49	0.00	0.00	0.00



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,200.00	92.87	180.00	9,702.19	-5,014.37	223.00	5,014.37	0.00	0.00	0.00
14,300.00	92.87	180.00	9,697.18	-5,114.24	223.00	5,114.24	0.00	0.00	0.00
14,400.00	92.87	180.00	9,692.18	-5,214.12	223.00	5,214.12	0.00	0.00	0.00
14,500.00	92.87	180.00	9,687.17	-5,313.99	223.00	5,313.99	0.00	0.00	0.00
14,600.00	92.87	180.00	9,682.16	-5,413.87	223.00	5,413.87	0.00	0.00	0.00
14,700.00	92.87	180.00	9,677.15	-5,513.74	223.00	5,513.74	0.00	0.00	0.00
14,800.00	92.87	180.00	9,672.15	-5,613.62	223.00	5,613.62	0.00	0.00	0.00
14,900.00	92.87	180.00	9,667.14	-5,713.49	223.00	5,713.49	0.00	0.00	0.00
15,000.00	92.87	180.00	9,662.13	-5,813.37	223.00	5,813.37	0.00	0.00	0.00
15,100.00	92.87	180.00	9,657.13	-5,913.24	223.00	5,913.24	0.00	0.00	0.00
15,200.00	92.87	180.00	9,652.12	-6,013.11	223.00	6,013.11	0.00	0.00	0.00
15,300.00	92.87	180.00	9,647.11	-6,112.99	223.00	6,112.99	0.00	0.00	0.00
15,400.00	92.87	180.00	9,642.11	-6,212.86	223.00	6,212.86	0.00	0.00	0.00
15,500.00	92.87	180.00	9,637.10	-6,312.74	223.00	6,312.74	0.00	0.00	0.00
15,600.00	92.87	180.00	9,632.09	-6,412.61	223.00	6,412.61	0.00	0.00	0.00
15,700.00	92.87	180.00	9,627.08	-6,512.49	223.00	6,512.49	0.00	0.00	0.00
15,800.00	92.87	180.00	9,622.08	-6,612.36	223.00	6,612.36	0.00	0.00	0.00
15,900.00	92.87	180.00	9,617.07	-6,712.24	223.00	6,712.24	0.00	0.00	0.00
16,000.00	92.87	180.00	9,612.06	-6,812.11	223.00	6,812.11	0.00	0.00	0.00
16,100.00	92.87	180.00	9,607.06	-6,911.99	223.00	6,911.99	0.00	0.00	0.00
16,200.00	92.87	180.00	9,602.05	-7,011.86	223.00	7,011.86	0.00	0.00	0.00
16,300.00	92.87	180.00	9,597.04	-7,111.74	223.00	7,111.74	0.00	0.00	0.00
16,400.00	92.87	180.00	9,592.04	-7,211.61	223.00	7,211.61	0.00	0.00	0.00
16,500.00	92.87	180.00	9,587.03	-7,311.48	223.00	7,311.48	0.00	0.00	0.00
16,600.00	92.87	180.00	9,582.02	-7,411.36	223.00	7,411.36	0.00	0.00	0.00
16,700.00	92.87	180.00	9,577.01	-7,511.23	223.00	7,511.23	0.00	0.00	0.00
16,800.00	92.87	180.00	9,572.01	-7,611.11	223.00	7,611.11	0.00	0.00	0.00
16,900.00	92.87	180.00	9,567.00	-7,710.98	223.00	7,710.98	0.00	0.00	0.00
17,000.00	92.87	180.00	9,561.99	-7,810.86	223.00	7,810.86	0.00	0.00	0.00
17,100.00	92.87	180.00	9,556.99	-7,910.73	223.00	7,910.73	0.00	0.00	0.00
17,200.00	92.87	180.00	9,551.98	-8,010.61	223.00	8,010.61	0.00	0.00	0.00
17,300.00	92.87	180.00	9,546.97	-8,110.48	223.00	8,110.48	0.00	0.00	0.00
17,400.00	92.87	180.00	9,541.97	-8,210.36	223.00	8,210.36	0.00	0.00	0.00
17,500.00	92.87	180.00	9,536.96	-8,310.23	223.00	8,310.23	0.00	0.00	0.00
17,600.00	92.87	180.00	9,531.95	-8,410.10	223.00	8,410.10	0.00	0.00	0.00
17,700.00	92.87	180.00	9,526.94	-8,509.98	223.00	8,509.98	0.00	0.00	0.00
17,800.00	92.87	180.00	9,521.94	-8,609.85	223.00	8,609.85	0.00	0.00	0.00
17,900.00	92.87	180.00	9,516.93	-8,709.73	223.00	8,709.73	0.00	0.00	0.00
18,000.00	92.87	180.00	9,511.92	-8,809.60	223.00	8,809.60	0.00	0.00	0.00
18,100.00	92.87	180.00	9,506.92	-8,909.48	223.00	8,909.48	0.00	0.00	0.00
18,200.00	92.87	180.00	9,501.91	-9,009.35	223.00	9,009.35	0.00	0.00	0.00
18,300.00	92.87	180.00	9,496.90	-9,109.23	223.00	9,109.23	0.00	0.00	0.00
18,400.00	92.87	180.00	9,491.90	-9,209.10	223.00	9,209.10	0.00	0.00	0.00
18,500.00	92.87	180.00	9,486.89	-9,308.98	223.00	9,308.98	0.00	0.00	0.00
18,600.00	92.87	180.00	9,481.88	-9,408.85	223.00	9,408.85	0.00	0.00	0.00
18,700.00	92.87	180.00	9,476.87	-9,508.72	223.00	9,508.72	0.00	0.00	0.00
18,800.00	92.87	180.00	9,471.87	-9,608.60	223.00	9,608.60	0.00	0.00	0.00
18,900.00	92.87	180.00	9,466.86	-9,708.47	223.00	9,708.47	0.00	0.00	0.00
19,000.00	92.87	180.00	9,461.85	-9,808.35	223.00	9,808.35	0.00	0.00	0.00
19,100.00	92.87	180.00	9,456.85	-9,908.22	223.00	9,908.22	0.00	0.00	0.00
19,195.24	92.87	180.00	9,452.08	-10,003.35	223.00	10,003.35	0.00	0.00	0.00

TD-PBHL= 19195 MD- 9452 TVD



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

Design Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SURFACE LOCATION - plan misses target center by 0.78usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E) - Point	0.00	0.00	0.00	0.01	0.78	7,264,454.53	1,977,524.30	40° 15' 23.610 N	110° 17' 31.510 W
Sec. 12, T3S-R4W, 66E - plan misses target center by 7040.16usft at 109.00usft MD (109.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	109.00	-5,717.75	4,107.45	7,258,792.75	1,981,707.81	40° 14' 27.100 N	110° 16' 38.550 W
Point 1			109.00	0.00	0.00	7,258,792.75	1,981,707.81		
Point 2			109.00	-1,981.24	29.53	7,256,812.09	1,981,764.10		
Point 3			109.00	-3,948.32	37.34	7,254,845.30	1,981,798.47		
Point 4			109.00	-3,950.32	-1,945.74	7,254,816.52	1,979,815.60		
Point 5			109.00	-3,955.20	-3,936.60	7,254,784.75	1,977,824.99		
Point 6			109.00	-1,980.04	-3,930.13	7,256,759.82	1,977,804.78		
Point 7			109.00	-1.82	-3,932.20	7,258,737.83	1,977,776.00		
Point 8			109.00	-2.00	-1,971.14	7,258,764.13	1,979,736.88		
Point 9			109.00	0.00	0.00	7,258,792.75	1,981,707.81		
Sec. 12, T3S-R4W, 66E - plan misses target center by 6942.80usft at 109.00usft MD (109.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	109.00	-5,056.89	4,757.14	7,259,462.33	1,982,348.51	40° 14' 33.630 N	110° 16' 30.170 W
Point 1			109.00	0.00	0.00	7,259,462.33	1,982,348.51		
Point 2			109.00	-2,635.92	39.70	7,256,827.19	1,982,423.81		
Point 3			109.00	-5,271.83	49.93	7,254,191.66	1,982,469.63		
Point 4			109.00	-5,271.85	-2,594.78	7,254,155.92	1,979,825.16		
Point 5			109.00	-5,277.65	-5,248.02	7,254,114.29	1,977,172.24		
Point 6			109.00	-2,639.70	-5,239.85	7,256,752.11	1,977,144.79		
Point 7			109.00	-2.77	-5,242.55	7,259,388.77	1,977,106.48		
Point 8			109.00	-3.04	-2,621.66	7,259,423.89	1,979,727.13		
Point 9			109.00	0.00	0.00	7,259,462.33	1,982,348.51		
Sec. 1, T3S-R4W, 66E - plan misses target center by 4128.52usft at 109.00usft MD (109.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	109.00	-543.03	4,092.65	7,263,966.80	1,981,623.13	40° 15' 18.240 N	110° 16' 38.730 W
Point 1			109.00	0.00	0.00	7,263,966.80	1,981,623.13		
Point 2			109.00	-1,879.06	3.93	7,262,087.97	1,981,652.44		
Point 3			109.00	-3,855.24	3.98	7,260,111.97	1,981,679.18		
Point 4			109.00	-3,857.24	-1,957.76	7,260,083.48	1,979,717.64		
Point 5			109.00	-3,857.07	-3,918.72	7,260,057.16	1,977,756.86		
Point 6			109.00	-1,888.98	-3,918.46	7,262,025.08	1,977,730.54		
Point 7			109.00	-25.11	-3,919.00	7,263,888.77	1,977,704.83		
Point 8			109.00	-16.17	-1,995.55	7,263,923.69	1,979,627.98		
Point 9			109.00	0.00	0.00	7,263,966.80	1,981,623.13		
Sec. 1, T3S-R4W, 66E - plan misses target center by 4753.06usft at 109.00usft MD (109.00 TVD, 0.00 N, 0.00 E) - Polygon	0.00	0.00	109.00	121.88	4,751.50	7,264,640.55	1,982,272.94	40° 15' 24.810 N	110° 16' 30.230 W
Point 1			109.00	0.00	0.00	7,264,640.55	1,982,272.94		
Point 2			109.00	-2,542.84	4.80	7,262,098.01	1,982,312.08		
Point 3			109.00	-5,178.77	4.93	7,259,462.32	1,982,347.81		
Point 4			109.00	-5,181.81	-2,616.73	7,259,423.88	1,979,726.43		
Point 5			109.00	-5,181.54	-5,237.62	7,259,388.75	1,977,105.77		
Point 6			109.00	-2,553.70	-5,237.20	7,262,016.36	1,977,070.71		
Point 7			109.00	-34.14	-5,238.36	7,264,535.68	1,977,035.52		
Point 8			109.00	-21.25	-2,659.11	7,264,583.39	1,979,614.36		
Point 9			109.00	0.00	0.00	7,264,640.55	1,982,272.94		
TD-PBHL (4-1-12-3-4) - plan misses target center by 6.59usft at 19195.24usft MD (9452.08 TVD, -10003.35 N, 223.00 E)	0.00	0.00	9,452.00	-10,003.35	216.41	7,254,455.00	1,977,875.00	40° 13' 44.750 N	110° 17' 28.730 W



Planning Report



Database:	EDM 5000.1 Lynn Db	Local Co-ordinate Reference:	Well 4-1-12-3-4WH
Company:	NEWFIELD EXPLORATION ROCKY MOUNTAINS	TVD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Project:	DUCHESNE COUNTY, UT (NAD 83)	MD Reference:	WELL(5,723'+28'= 5,751' MSL) @ 5751.00usft (Pioneer 78 (KB= 28'))
Site:	CENTRAL BASIN (NAD 83)	North Reference:	True
Well:	4-1-12-3-4WH	Survey Calculation Method:	Minimum Curvature
Wellbore:	4-1-12-3-4WH "UTE TRIBAL"		
Design:	4-1-12-3-4WH UTE TRIBAL REV00		

- Point

Top Production (4-1-1 0.00 0.00 99,100.00 -619.00 223.65 7,263,838.59 1,977,755.51 40° 15' 17.493 N 110° 17' 28.635 W
 - plan misses target center by 89206.15usft at 10110.51usft MD (9894.39 TVD, -929.68 N, 223.00 E)
 - Point

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
	9,508.00	9-5/8" Csg (9,508' TVD)	9-5/8	12-1/4
1,000.00	1,000.00	13-3/8" Csg (1,000' TVD)	13-3/8	17-1/2

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
5,105.65	-655.00	Green River		0.00	180.00
4,752.00	0.00	U.B. "C" Top Porosity (Horz Tgt)		-2.87	180.00
4,752.00	0.00	Wasatch		-2.87	180.00
6,547.40	776.00	Trona		0.00	180.00
6,613.90	842.00	Mahogany Bench		0.00	180.00
7,520.66	1,742.00	Garden Gulch Member		0.00	180.00
7,817.88	2,037.00	Garden Gulch Member-1		0.00	180.00
7,985.12	2,203.00	Garden Gulch Member-2		0.00	180.00
8,663.18	2,876.00	Douglas Creek Member		0.00	180.00
9,159.21	3,369.23	B Limestone		-2.87	180.00
9,471.05	3,680.97	Lower Black Limestone		-2.87	180.00
9,560.05	3,769.97	Castle Peak Limestone		-2.87	180.00
9,723.00	3,931.16	CP LIMES_2		-2.87	180.00
9,914.95	4,083.56	Uteland Butte		-2.87	180.00
9,943.61	4,099.36	U.B. "A"		-2.87	180.00
9,972.67	4,113.08	U.B. "B"		-2.87	180.00
10,110.57	4,143.39	U.B. "C" (Land Tgt)		-2.87	180.00

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
0.00	0.00	0.00	0.00	Start 1000.00 hold at 0.00 MD
1,000.00	1,000.00	0.00	0.00	Tangent= 2500 ft. at 1000 MD-TVD
3,500.00	3,500.00	0.00	0.00	Nudge Build= 1.50/100' MD
3,966.74	3,965.58	-26.79	9.65	EOB-Tangent= 4931 ft. at 3967 MD
8,897.35	8,859.42	-592.21	213.35	Nudge Drop= -1.50/100' MD
9,364.08	9,325.00	-619.00	223.00	Nudge Vert Pt.= 9364 MD- 9325 TVD
9,547.08	9,508.00	-619.00	223.00	Tangent= 75 ft. at 9547 MD
9,622.08	9,583.00	-619.00	223.00	Curve Build= 18.40°/100' MD
10,110.51	9,894.39	-929.68	223.00	Land Pt. (89.87° Angle) 10111 MD- 9894 TVD
10,300.51	9,894.82	-1,119.68	223.00	Curve Build= 3.00°/100' MD
10,400.51	9,892.43	-1,219.64	223.00	Land Pt. Horz. Tgt (92.87° Angle) 10401 MD- 9892 TVD
19,195.24	9,452.08	-10,003.35	223.00	TD-PBHL= 19195 MD- 9452 TVD

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: UTE TRIBAL 4-1-12-3-4WH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0089 FNL 0487 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 01 Township: 03.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013516420000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 6/24/2013	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Pete Martin Rig #16 spudded 26" hole on 06/24/2013 and drilled to 60' GL. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 60' GL and cemented to surface with Pro Petro Cementers on 06/24/2013. Cement Job: Pumped 10 bbls fresh water flush ahead of cement. Mixed and pumped 225 sacks (46 bbls) of Premium Class G Cement with 2% CaCl ₂ , and 1/4 lb/sk flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 18 bbls fresh water. Finished pumping @ 15:08 PM on 06/24/2013. 18 bbls cement to surface. Shut in well after pumping stopped. Hole stood full after pumping stopped. Kylan Cook notified UDOGM and BLM by e-mail @ 09:00 AM on 06/23/2013 to spud conductor hole on 06/24/2013.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 26, 2013		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 6/26/2013	

Casing / Liner Detail

Well	Ute Tribal 4-1-12-3-4WH
Prospect	Central Basin
Foreman	
Run Date:	6/24/2013
String Type	Conductor, 20", 52.78#, SA53B, W (Welded)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
0.00	60.00	2	20" Conductor Pipe	20.000	19.500
60.00			-		

Cement Detail						
Cement Company:		Other				
Slurry Slurry 1	# of Sacks 225	Weight (ppg) 15.8	Yield 1.15	Volume (ft³) 258.75	Description - Slurry Class and Additives Premium Class G Cement with 2% CaCl2, and 1/4 lb/sk flocele.	
Stab-In-Job?		No		Cement To Surface?		Yes
BHT:		0		Est. Top of Cement:		0
Initial Circulation Pressure:		80		Plugs Bumped?		No
Initial Circulation Rate:		2		Pressure Plugs Bumped:		
Final Circulation Pressure:		140		Floats Holding?		No
Final Circulation Rate:		4		Casing Stuck On / Off Bottom?		No
Displacement Fluid:		Water		Casing Reciprocated?		No
Displacement Rate:		4		Casing Rotated?		No
Displacement Volume:		16		CIP:		15:08
Mud Returns:		Full		Casing Wt Prior To Cement:		
Centralizer Type And Placement:			Casing Weight Set On Slips:			





CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pete Martin Rig #16
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number Ute Tribal 4-1-12-3-4WH
Qtr/Qtr Lot 4 Section 1 Township 3S Range 4W *NW/NE*
Lease Serial Number 14-20-H62-6388
API Number 43-013-51642

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 06/24/2013

09:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time _____ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro Rig #10
Submitted By Kylan Cook Phone Number 435-790-8236
Well Name/Number UTE TRIBAL 4-1-12-3-4WH
Qtr/Qtr Lot 4 Section 1 Township 3S Range 4W
Lease Serial Number 14-20-H62-6388
API Number 43-013-51642

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 06/28/2013 01:00 AM ☒ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

RECEIVED

JUN 27 2013

DIV. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

Remarks _____

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 78
Submitted By Darryl Reeder Phone Number 970-812-0022
Well Name/Number Ute Tribal 4-1-12-~~1~~-3-4WH
Qtr/Qtr NW/NW Section 1 Township 3S Range 4W
Lease Serial Number FEE
API Number 43013516420000

Rig Move Notice – Move drilling rig to new location.

Date/Time 07/23/13 07:00 AM ☒ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks Pioneer 78 Moving From Ute Tribal 16-12-1-3-4WH to
Ute Tribal 4-1-12-3-4WH

RECEIVED

JUL 22 2013

DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 78
Submitted By Thomas Frank Phone Number 970-812-0022
Well Name/Number Ute Tribal 4-1-12-3-4WH
Qtr/Qtr NW/NW Section 1 Township 3S Range 4W
Lease Serial Number FEE
API Number 43013516420000

Rig Move Notice – Move drilling rig to new location.

Date/Time _____ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 07/28/13 08:00 AM ☐ PM ☐

Remarks Spud tomorrow at 12:00PM

RECEIVED
JUL 27 2013
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 78
Submitted By Darryl Reeder Phone Number 970-812-0022
Well Name/Number Ute Tribal 4-1-12-3-4WH
Qtr/Qtr NW/NW Section 1 Township 3S Range 4W
Lease Serial Number FEE
API Number 43013516420000

Rig Move Notice – Move drilling rig to new location.

Date/Time _____ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☒ Other

RECEIVED

AUG 08 2013

DIV. OF OIL, GAS & MINING

Date/Time _ AM ☐ PM ☐

Remarks TD'd 12 1/4" Intermediate hole @ 9,440' MD on
8/8/13. Will log and run & cement 9 5/8" casing over the next 24
48hrs. Will not break stack due to use of "uni bowl" wellhead no
test on BOPE planned.

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>


*NEW FIELD PRODUCTION COMPANY***PIONEER RIG 78***UTE TRIBAL 4-1-12-4WH
4301351642
NWNW S01 T03S R04W*

1 message

Pioneer 78 <den_pio78@nfxrig.com>

Thu, Aug 1, 2013 at 5:19 PM

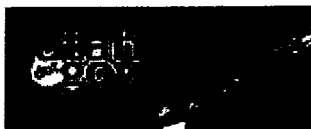
To: Dennis Ingram <dennisingram@utah.gov>, Carol Daniels <caroldaniels@utah.gov>, Chris Jensen <chrisjensen@utah.gov>

PIONEER RIG 78 HAS TAKEN A 15 GPM WATER FLOW AT 2,800 FT INCREASING MUD WEIGHT TO A 11.2 PPG TO KEEP WATER FROM INTERING INTO WELL BORE

IF YOU HAVE ANY QUISTION PLEASE CALL ME

CRAIG R SMITH**NEW TEC GLOBAL CONSULTANT****[C 208-816-6803]****[O 970-812-0022]****RECEIVED****AUG 01 2013****DIV. OF OIL, GAS & MINING**

CONFIDENTIAL



PIONEER RIG 78

Pioneer 78 <den_pio78@nfxrig.com>

Thu, Aug 1, 2013 at 5:19 PM

To: Dennis Ingram <dennisingram@utah.gov>, Carol Daniels <caroldaniels@utah.gov>, Chris Jensen <chrisjensen@utah.gov>

PIONEER RIG 78 HAS TAKEN A 15 GPM WATER FLOW AT 2,800 FT INCREASING MUD WEIGHT TO A 11.2 PPG TO KEEP WATER FROM INTERING INTO WELL BORE

IF YOU HAVE ANY QUISTION PLEASE CALL ME

CRAIG R SMITH**NEW TEC GLOBAL CONSULTANT****[C 208-816-6803]****[O 970-812-0022]**

Carol Daniels <caroldaniels@utah.gov>

Wed, Aug 7, 2013 at 7:26 AM

To: Pioneer 78 <den_pio78@nfxrig.com>

Craig,

I need a well name, API # and Operator of the well.

Thank you!

Carol Daniels

St of Utah

Dogm

(801) 538-5284

[Quoted text hidden]

Pioneer 78 <den_pio78@nfxrig.com>

Wed, Aug 7, 2013 at 11:36 AM

To: Carol Daniels <caroldaniels@utah.gov>

Ute Tribal 4-1-12-3-4WH

API 43013516420000

Newfield

Newfield Drilling Foreman

Pioneer Rig 78

Office: 970-812-0022



From: Carol Daniels [mailto:caroldaniels@utah.gov]
Sent: Wednesday, August 07, 2013 7:27 AM
To: Pioneer 78
Subject: Re: PIONEER RIG 78

[Quoted text hidden]



EAGER BEAVER TESTERS INC.

RECEIVED

AUG 01 2013

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

DIV. OF OIL GAS & MINING

BOP TEST REPORT

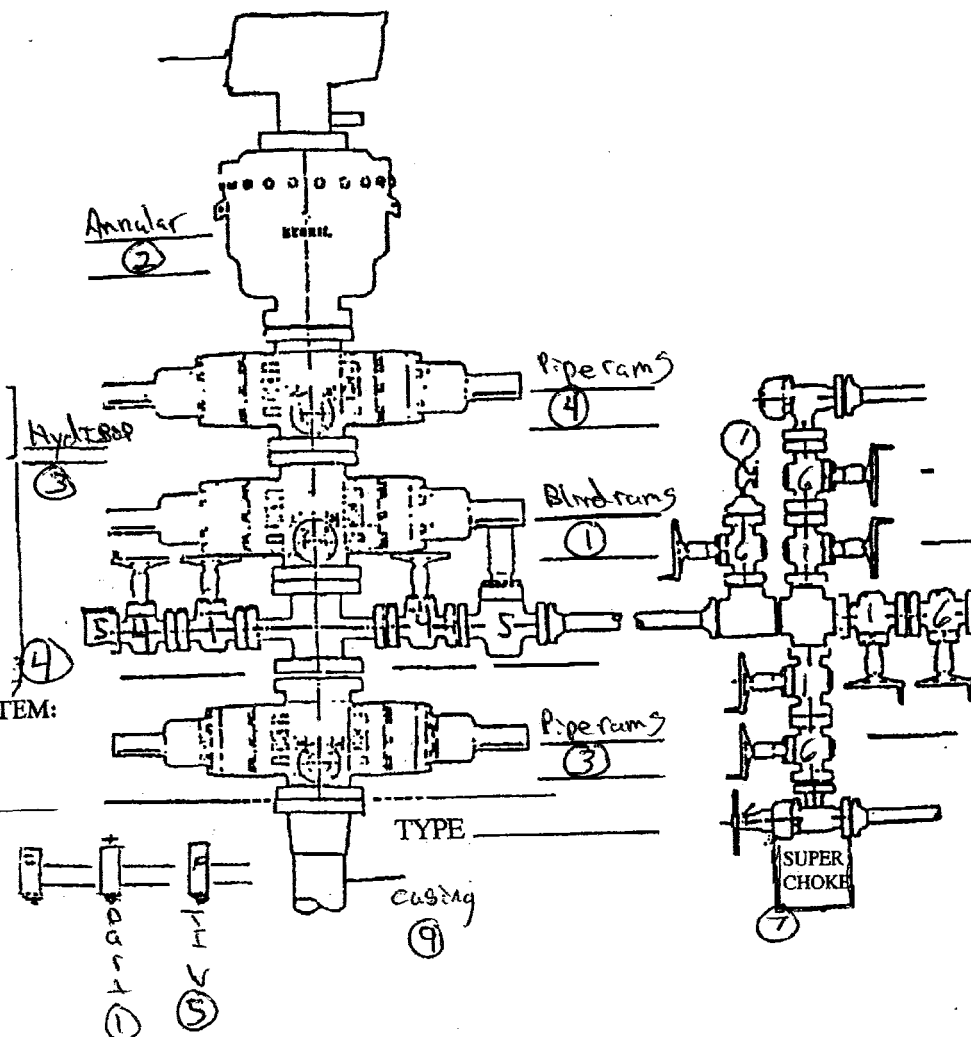
DATE: 7-28-13 OPERATOR: Newfield RIG OR SITE#: Pioneer 78 SEC: 1 TNSHIP: 3S RANGE: 4W

FIELD: _____ WELL#: WET-101 4-1-12-3-4WH TEST PRESSURE: 250/5000

API# 43-013-51642

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	<u>2</u>
UPPER PIPE RAMS	<u>4</u>
LOWER PIPE RAMS	<u>3</u>
BLIND RAMS	<u>1</u>
KILL LINE VALVES	<u>1, 4, 5</u>
HCR VALVE	<u>5</u>
CHOKE VALVES	<u>4</u>
MANIFOLD VALVES	<u>6, 1</u>
SUPER CHOKE	<u>7</u>
MANUAL CHOKE	<u>✓</u>
UPPER KELLY VALVE	<u>3</u>
LOWER KELLY VALVE	<u>4</u>
INSIDE BOP	<u>1</u>
FLOOR VALVE	<u>5</u>
CASING PRE. 1500	<u>9</u>
mudline 4000	<u>8</u>



ACCUMULATOR AND CLOSING SYSTEM:

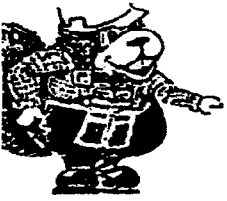
NITROGEN PRECHARGE PSI 900
FIELD CHECK ✓ GUAGE CHECK _____
BOTTLES ✓ SPHERES _____

FUNCTION CHECK 1350
PUMP CHECK 49Sec
REMOTE OPERATION CHECK ✓
HYDRAULIC FLUID LEVEL ✓

OTHER TESTS:

EQUIPMENT TYPE mudline PRESSURE 4000psi (8)

REPAIRS OR POTENTIAL PROBLEMS:



EAGER BEAVER TESTERS

DATE: 7-25-13 COMPANY: Newfield RIG: Pioneer 78 WELL NAME & #: ATE Tribal 4-1-12-3-4 WH

ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION III, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 1000 desired psi)
9. Record the remaining pressure 1350 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 49 seconds (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 900 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi= 900 psi min.}) each bottle shall be independently checked with a gauge.

EAGER BEAVER TESTERS

DATE: 7-28-13 COMPANY: Newfield

RIG: Pioneer 78

WELL NAME & #: UTE Tribal 4-1-12-3-4 WH

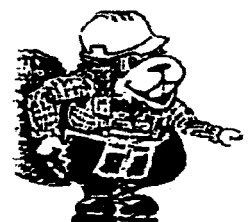
Time	Test No.	Result
3:37 AM <input type="checkbox"/> PM <input type="checkbox"/>	1	Part valve, Inside manifold valves, Inside kill line valve, Blindrams Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:46 AM <input type="checkbox"/> PM <input type="checkbox"/>	2	Annular Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
6:06 AM <input type="checkbox"/> PM <input type="checkbox"/>	3	Lower pipe rams, Hyd BOP Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
6:31 AM <input type="checkbox"/> PM <input type="checkbox"/>	4	Upper pipe rams, man BOP, Inside choke line valve, 2 nd kill line valve Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:19 AM <input type="checkbox"/> PM <input type="checkbox"/>	5	HCR, check valve, TIW Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:50 AM <input type="checkbox"/> PM <input type="checkbox"/>	6	Outside manifold valves, Riservalue Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:15 AM <input type="checkbox"/> PM <input type="checkbox"/>	7	Superchoke Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:56 AM <input type="checkbox"/> PM <input type="checkbox"/>	8	mud line Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
11:14 AM <input type="checkbox"/> PM <input type="checkbox"/>	9	Casing. Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	10	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	11	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	12	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	13	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	14	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Acc. Tank Size (inches) (W D L) ÷ 231 = gal.

Rock Springs, WY (307) 382-3350
BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE

rompt & Efficient

24 Hr. Service



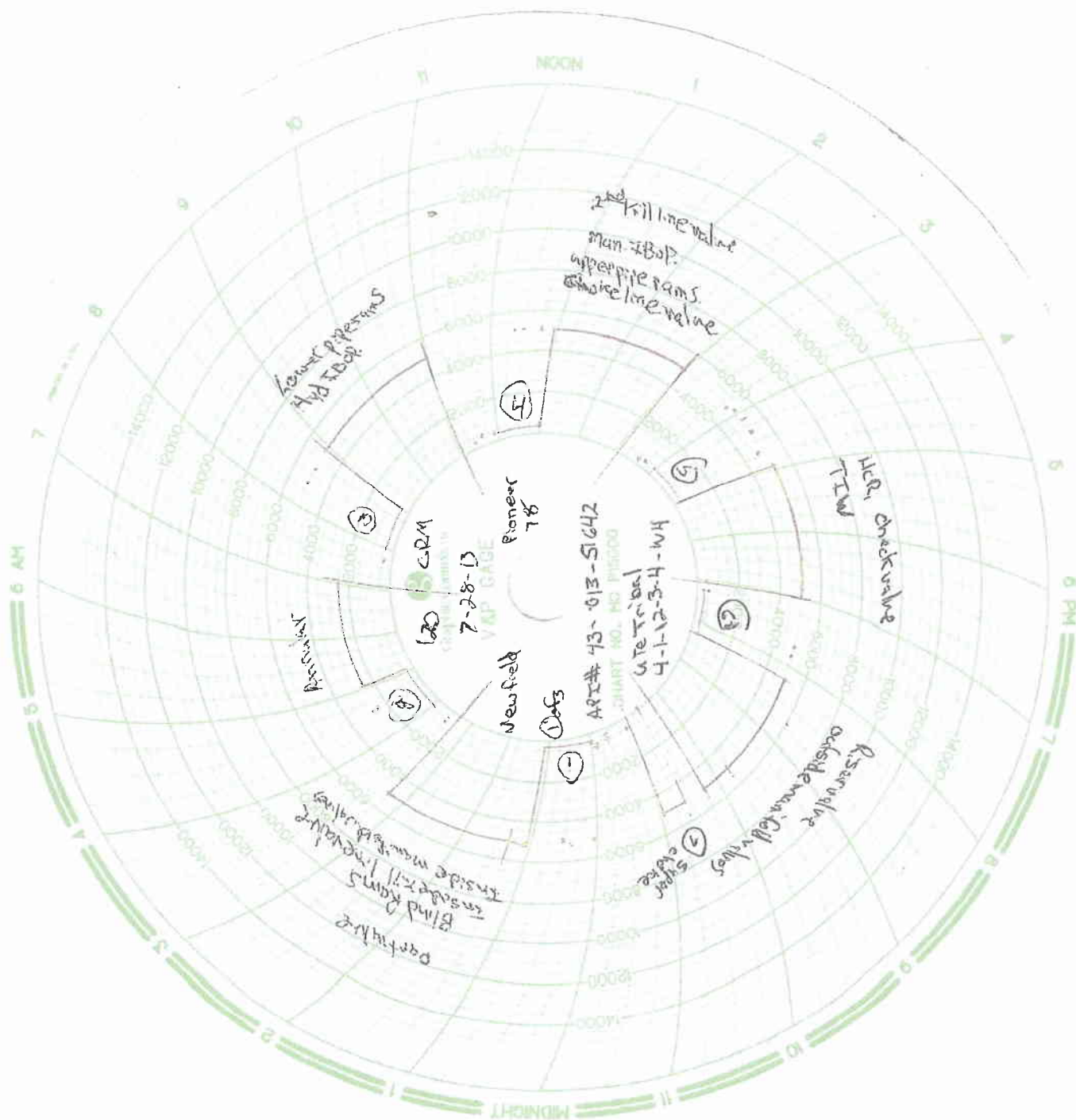
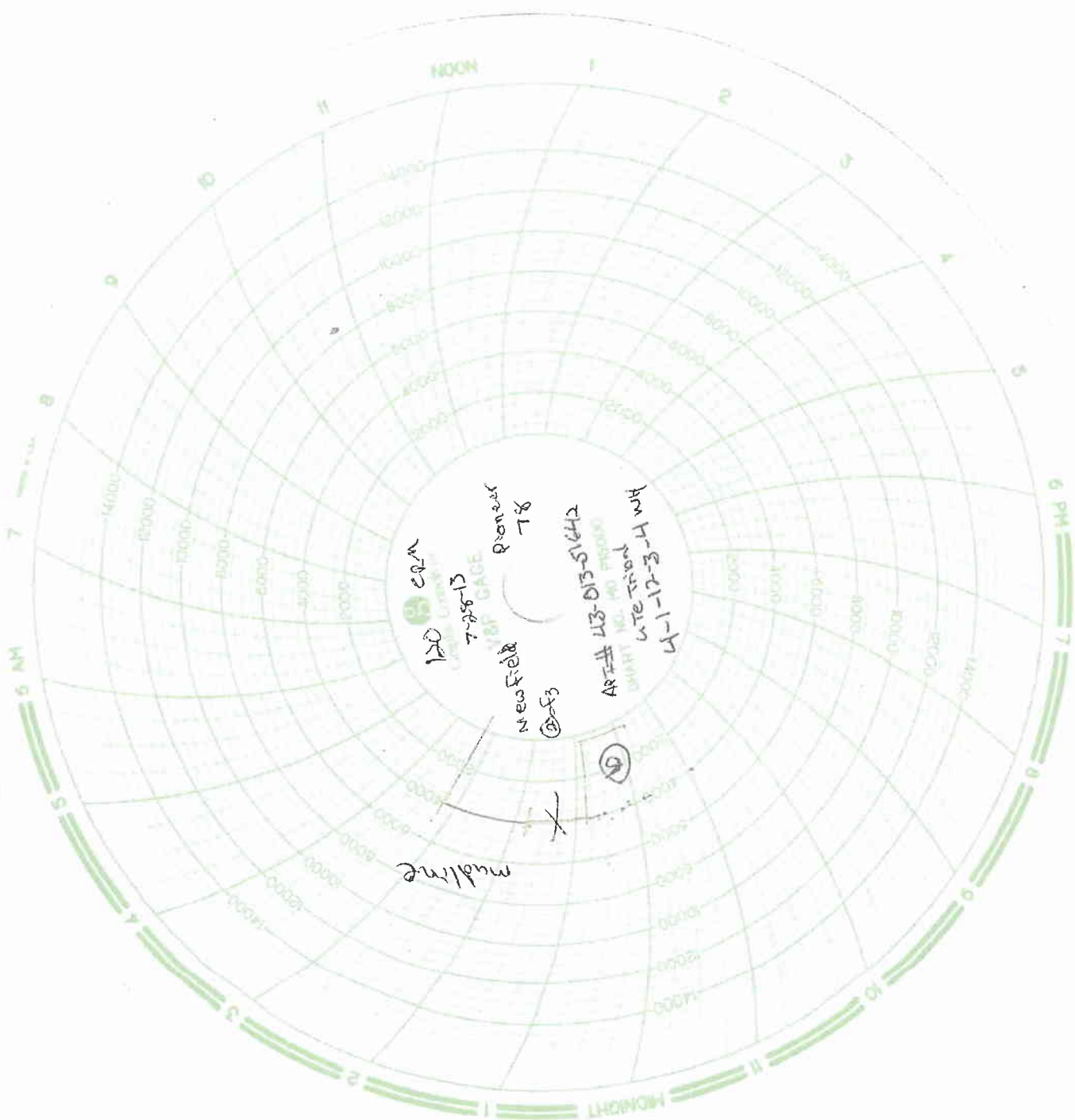
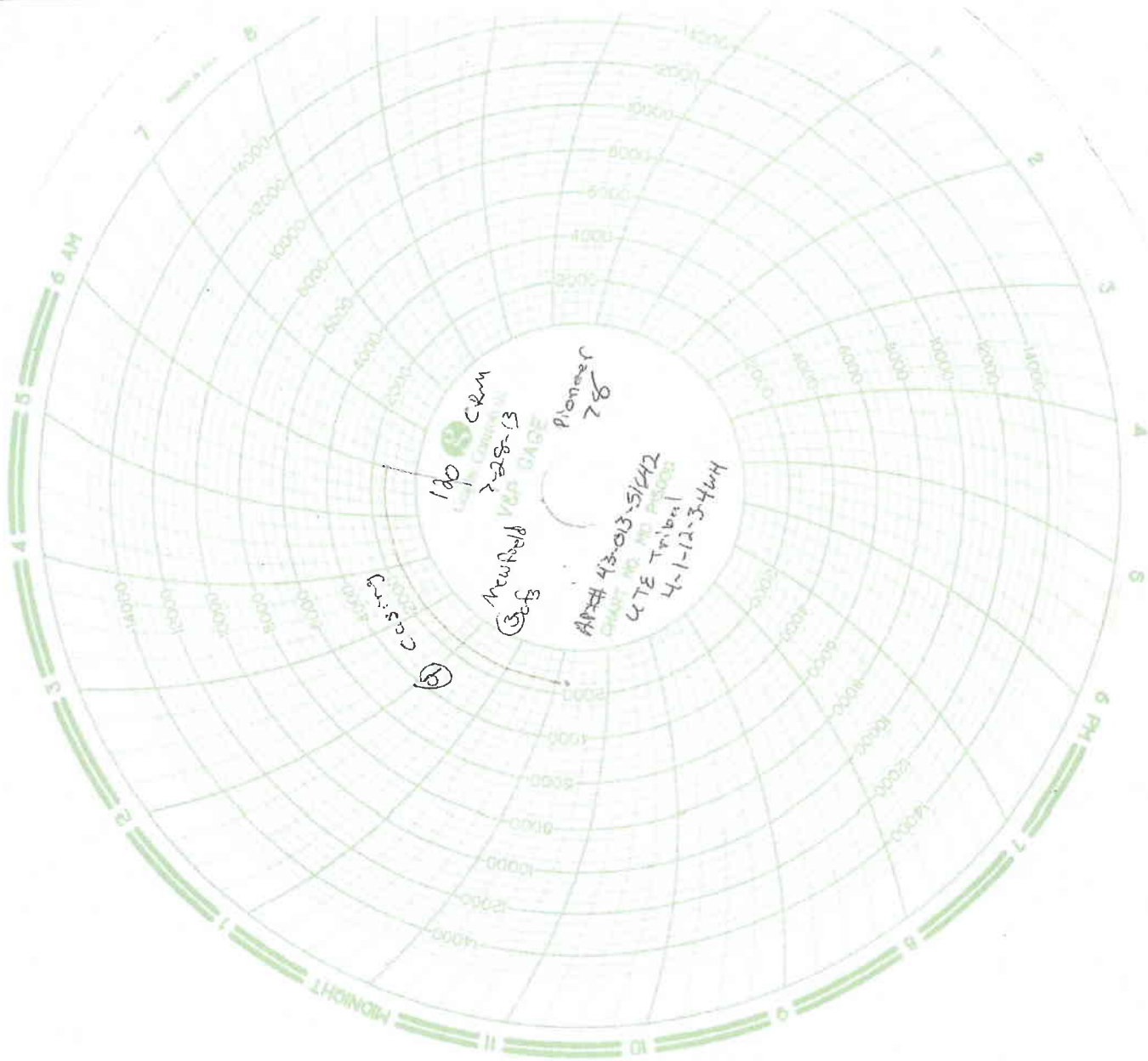


Chart # 2 on Reverse





BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 78
Submitted By Thomas Frank Phone Number 970-812-0022
Well Name/Number Ute Tribal 4-1-12-3-4WH
Qtr/Qtr NW/NW Section 1 Township 3S Range 4W
Lease Serial Number FEE
API Number 43013516420000

Rig Move Notice – Move drilling rig to new location.

Date/Time _____ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 07/28/13 08:00 AM ☐ PM ☐

Remarks Spud tomorrow at 12:00PM

RECEIVED
JUL 27 2013
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 78
Submitted By Darryl Reeder Phone Number 970-812-0022
Well Name/Number Ute Tribal 4-1-12-3-4WH
Qtr/Qtr NW/NW Section 1 Township 3S Range 4W
Lease Serial Number FEE
API Number 43013516420000

Rig Move Notice – Move drilling rig to new location.

Date/Time _____ AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☒ Other

RECEIVED

AUG 08 2013

DIV. OF OIL, GAS & MINING

Date/Time _ AM ☐ PM ☐

Remarks TD'd 12 1/4" Intermediate hole @ 9,440' MD on
8/8/13. Will log and run & cement 9 5/8" casing over the next 24
48hrs. Will not break stack due to use of "uni bowl" wellhead no
test on BOPE planned.

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>


*NEW FIELD PRODUCTION COMPANY***PIONEER RIG 78***UTE TRIBAL 4-1-12-4WH
4301351642
NWNW S01 T03S R04W*

1 message

Pioneer 78 <den_pio78@nfxrig.com>

Thu, Aug 1, 2013 at 5:19 PM

To: Dennis Ingram <dennisingram@utah.gov>, Carol Daniels <caroldaniels@utah.gov>, Chris Jensen <chrisjensen@utah.gov>

PIONEER RIG 78 HAS TAKEN A 15 GPM WATER FLOW AT 2,800 FT INCREASING MUD WEIGHT TO A 11.2 PPG TO KEEP WATER FROM INTERING INTO WELL BORE

IF YOU HAVE ANY QUISTION PLEASE CALL ME

CRAIG R SMITH**NEW TEC GLOBAL CONSULTANT****[C 208-816-6803]****[O 970-812-0022]****RECEIVED****AUG 01 2013****DIV. OF OIL, GAS & MINING**

CONFIDENTIAL



PIONEER RIG 78

Pioneer 78 <den_pio78@nfxrig.com>

Thu, Aug 1, 2013 at 5:19 PM

To: Dennis Ingram <dennisingram@utah.gov>, Carol Daniels <caroldaniels@utah.gov>, Chris Jensen <chrisjensen@utah.gov>

PIONEER RIG 78 HAS TAKEN A 15 GPM WATER FLOW AT 2,800 FT INCREASING MUD WEIGHT TO A 11.2 PPG TO KEEP WATER FROM INTERING INTO WELL BORE

IF YOU HAVE ANY QUISTION PLEASE CALL ME

CRAIG R SMITH

NEW TEC GLOBAL CONSULTANT

[C 208-816-6803]

[O 970-812-0022]

Carol Daniels <caroldaniels@utah.gov>

Wed, Aug 7, 2013 at 7:26 AM

To: Pioneer 78 <den_pio78@nfxrig.com>

Craig,

I need a well name, API # and Operator of the well.

Thank you!

Carol Daniels

St of Utah

Dogm

(801) 538-5284

[Quoted text hidden]

Pioneer 78 <den_pio78@nfxrig.com>

Wed, Aug 7, 2013 at 11:36 AM

To: Carol Daniels <caroldaniels@utah.gov>

Ute Tribal 4-1-12-3-4WH

API 43013516420000

Newfield

Newfield Drilling Foreman

Pioneer Rig 78

Office: 970-812-0022



From: Carol Daniels [mailto:caroldaniels@utah.gov]
Sent: Wednesday, August 07, 2013 7:27 AM
To: Pioneer 78
Subject: Re: PIONEER RIG 78

[Quoted text hidden]



EAGER BEAVER TESTERS INC.

RECEIVED

AUG 01 2013

P.O. BOX 1616
ROCK SPRINGS, WY 82902

PHONE:
CASPER - (307) 265-8147
ROCK SPRINGS - (307) 382-3350

DIV. OF OIL GAS & MINING

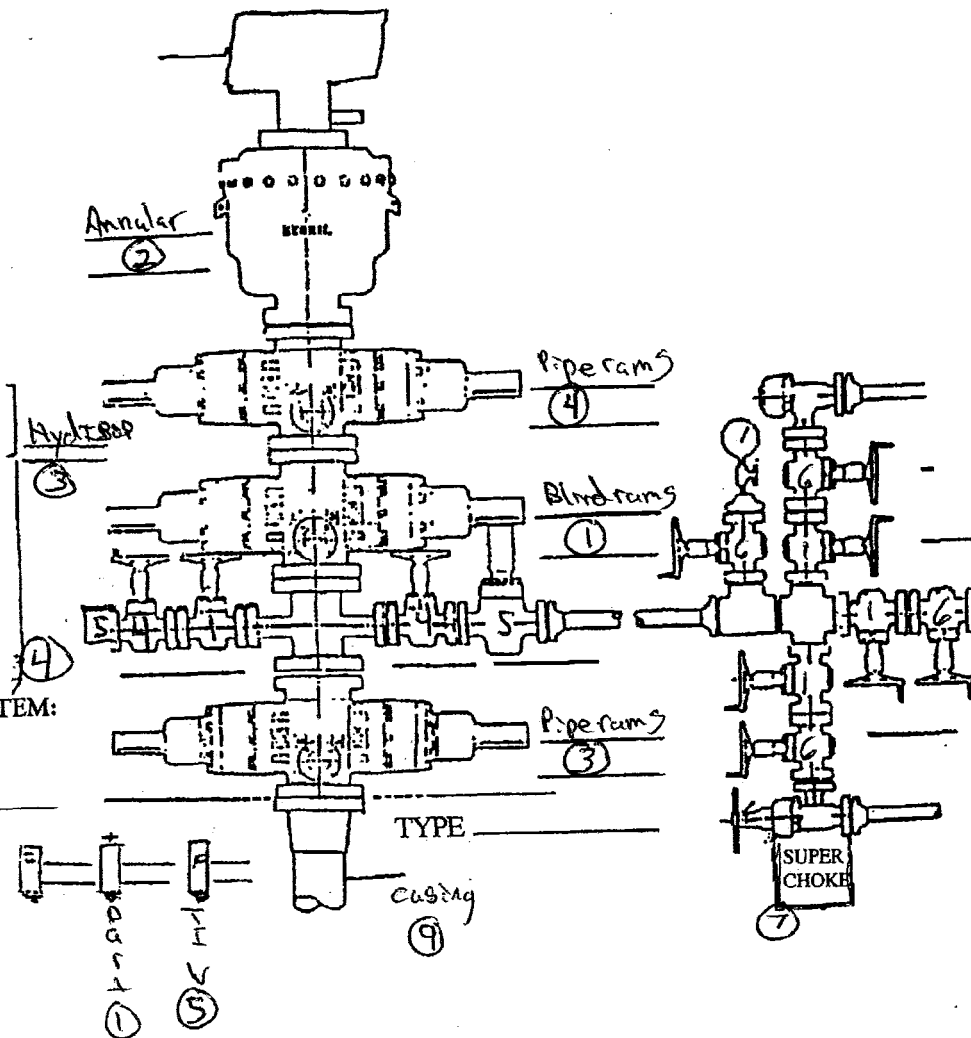
BOP TEST REPORT

DATE: 7-28-13 OPERATOR: Newfield RIG OR SITE#: Pioneer 78 SEC: 1 TNSHIP: 3S RANGE: 4W

FIELD: API 43-013-51642 WELL#: WET 4-1-12-3-4WH TEST PRESSURE: 250/5000

EQUIPMENT PRESSURE TESTED:

ANNULAR 50%	<u>2</u>
UPPER PIPE RAMS	<u>4</u>
LOWER PIPE RAMS	<u>3</u>
BLIND RAMS	<u>1</u>
KILL LINE VALVES	<u>1, 4, 5</u>
HCR VALVE	<u>5</u>
CHOKE VALVES	<u>4</u>
MANIFOLD VALVES	<u>6, 1</u>
SUPER CHOKE	<u>7</u>
MANUAL CHOKE	<u>✓</u>
UPPER KELLY VALVE	<u>3</u>
LOWER KELLY VALVE	<u>4</u>
INSIDE BOP	<u>1</u>
FLOOR VALVE	<u>5</u>
CASING PRE. 1500	<u>9</u>
mudline 4000	<u>8</u>



ACCUMULATOR AND CLOSING SYSTEM:

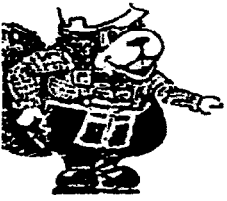
NITROGEN PRECHARGE PSI 900
FIELD CHECK ✓ GUAGE CHECK ✓
BOTTLES ✓ SPHERES ✓

FUNCTION CHECK 1350
PUMP CHECK 49Sec
REMOTE OPERATION CHECK ✓
HYDRAULIC FLUID LEVEL ✓

OTHER TESTS:

EQUIPMENT TYPE mudline PRESSURE 4000psi 8

REPAIRS OR POTENTIAL PROBLEMS:



EAGER BEAVER TESTERS

DATE: 7-25-13 COMPANY: Newfield RIG: Pioneer 78 WELL NAME & #: ATE Tribal 4-1-12-3-4 WH

ACCUMULATOR FUNCTION TESTS

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE ACCUMULATOR

(O.S.O. #2 SECTION III, A.3.C.1. OR II OR III)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (shut off pumps)
3. Open HCR Valve (if applicable)
4. Close annular
5. Close all pipe rams
6. Open one set of the pipe rams to simulate closing the blind ram
7. If you have a 3 ram stack open the annular to achieve the 50%+ safety factor for 5M and greater systems
8. Accumulator pressure should be 200 psi over desired precharge pressure, (accumulator working pressure (1500 psi= 750 desired psi) (2000 and 3000 psi= 1000 desired psi)
9. Record the remaining pressure 1350 PSI

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS

(O.S.O. #2 SECTION III.A.2.F.)

1. Shut the accumulator bottles or spherical, (isolate them from the pumps and manifold) Open the bleed off valve to the tank, (manifold psi should go to 0 psi) close bleed valve.
2. Open the HCR valve (if applicable)
3. Close annular
4. With pumps only, time how long it takes to regain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure {1500 psi=750 desired psi} {2000 and 3000 psi= 1000 desired psi})
5. Record elapsed time 49 seconds (2 minutes or less)

TO CHECK THE PRECHARGE ON BOTTLES OR SPHERICAL

(O.S.O. #2 SECTION III.A.2.D.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure, (1500 psi=750 desired psi) (2000 and 3000 psi= 1000 desired psi) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to the tank
3. Watch and record where the pressure drops (accumulator psi)
4. Record the pressure drop 900 PSI

If pressure drops below the minimum precharge, (accumulator working pressure {1500 psi=700 min}{2000 and 3000 psi= 900 psi min.}) each bottle shall be independently checked with a gauge.

EAGER BEAVER TESTERS

DATE: 7-28-13 COMPANY: Newfield

RIG: Pioneer 78

WELL NAME & #: UTE Tribal 4-1-12-3-4 WH

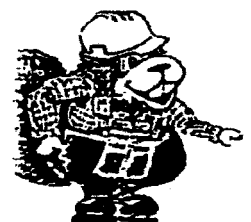
Time	Test No.		Result
3:37 AM <input type="checkbox"/> PM <input type="checkbox"/>	1	Part valve, Inside manifold valves, Inside kill line valve, Blindrams	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:46 AM <input type="checkbox"/> PM <input type="checkbox"/>	2	Annular	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
6:06 AM <input type="checkbox"/> PM <input type="checkbox"/>	3	Lower pipe rams, Hyd BOP	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
6:31 AM <input type="checkbox"/> PM <input type="checkbox"/>	4	Upper pipe rams, man BOP, Inside choke line valve, 2 nd kill line valve	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:19 AM <input type="checkbox"/> PM <input type="checkbox"/>	5	HCR, check valve, TIW	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:50 AM <input type="checkbox"/> PM <input type="checkbox"/>	6	Outside manifold valves, Riservalue	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:15 AM <input type="checkbox"/> PM <input type="checkbox"/>	7	Superchoke	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
8:56 AM <input type="checkbox"/> PM <input type="checkbox"/>	8	mud line	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
11:14 AM <input type="checkbox"/> PM <input type="checkbox"/>	9	casing.	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	10		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	11		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	12		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	13		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	14		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>
AM <input type="checkbox"/> PM <input type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Acc. Tank Size (inches) (W D L) ÷ 231 = gal.

Rock Springs, WY (307) 382-3350
BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE

rompt & Efficient

24 Hr. Service



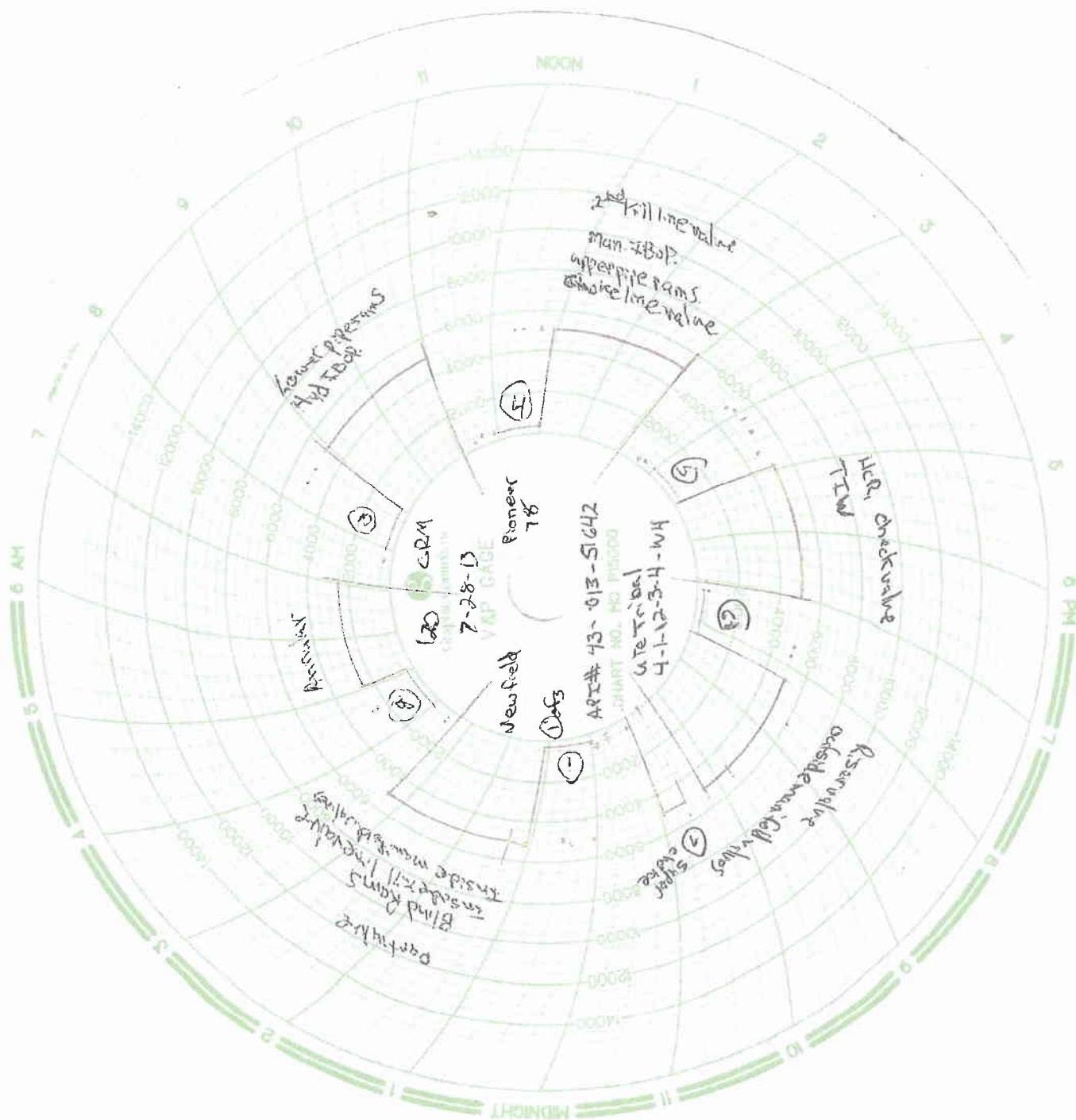
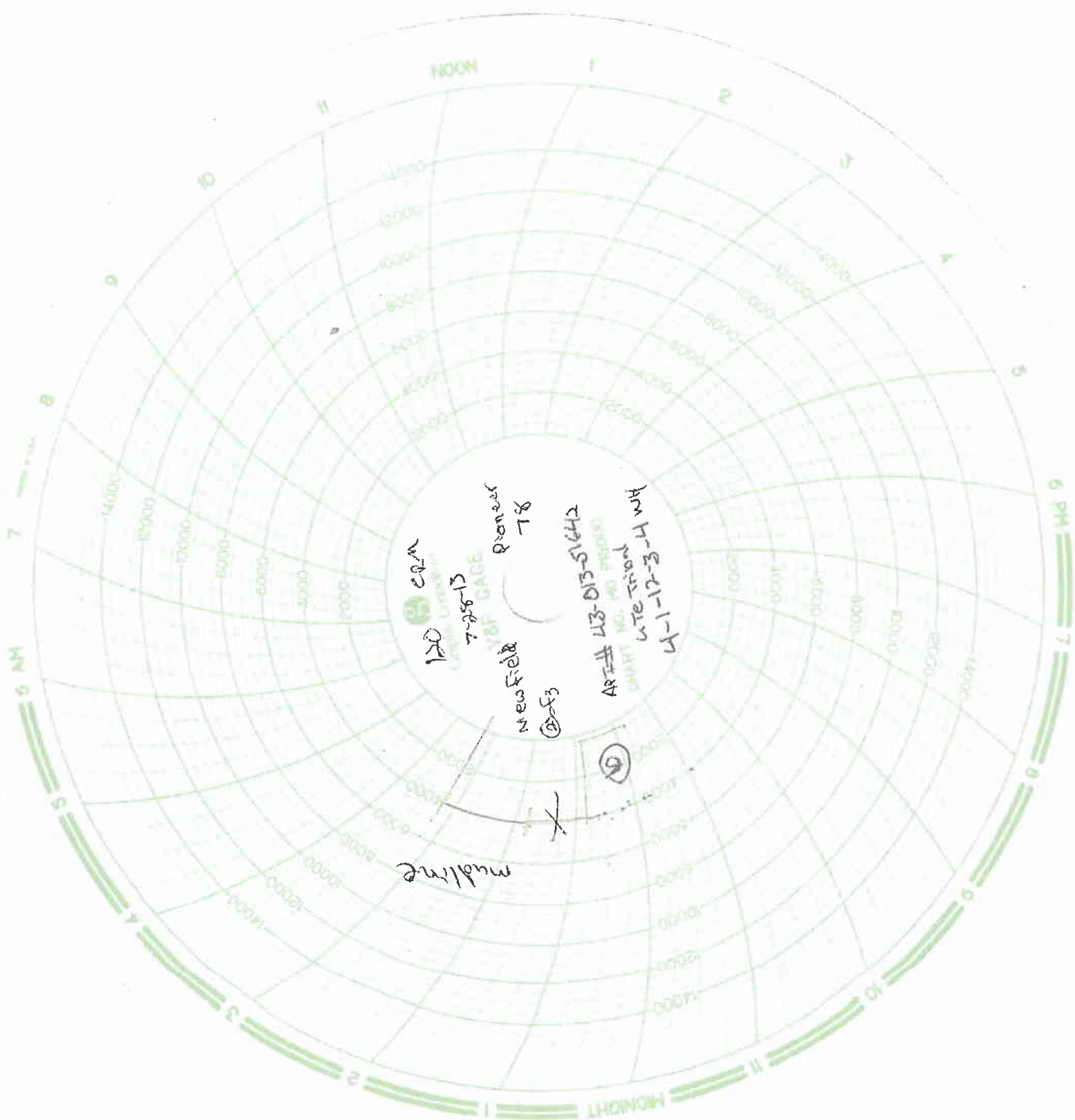
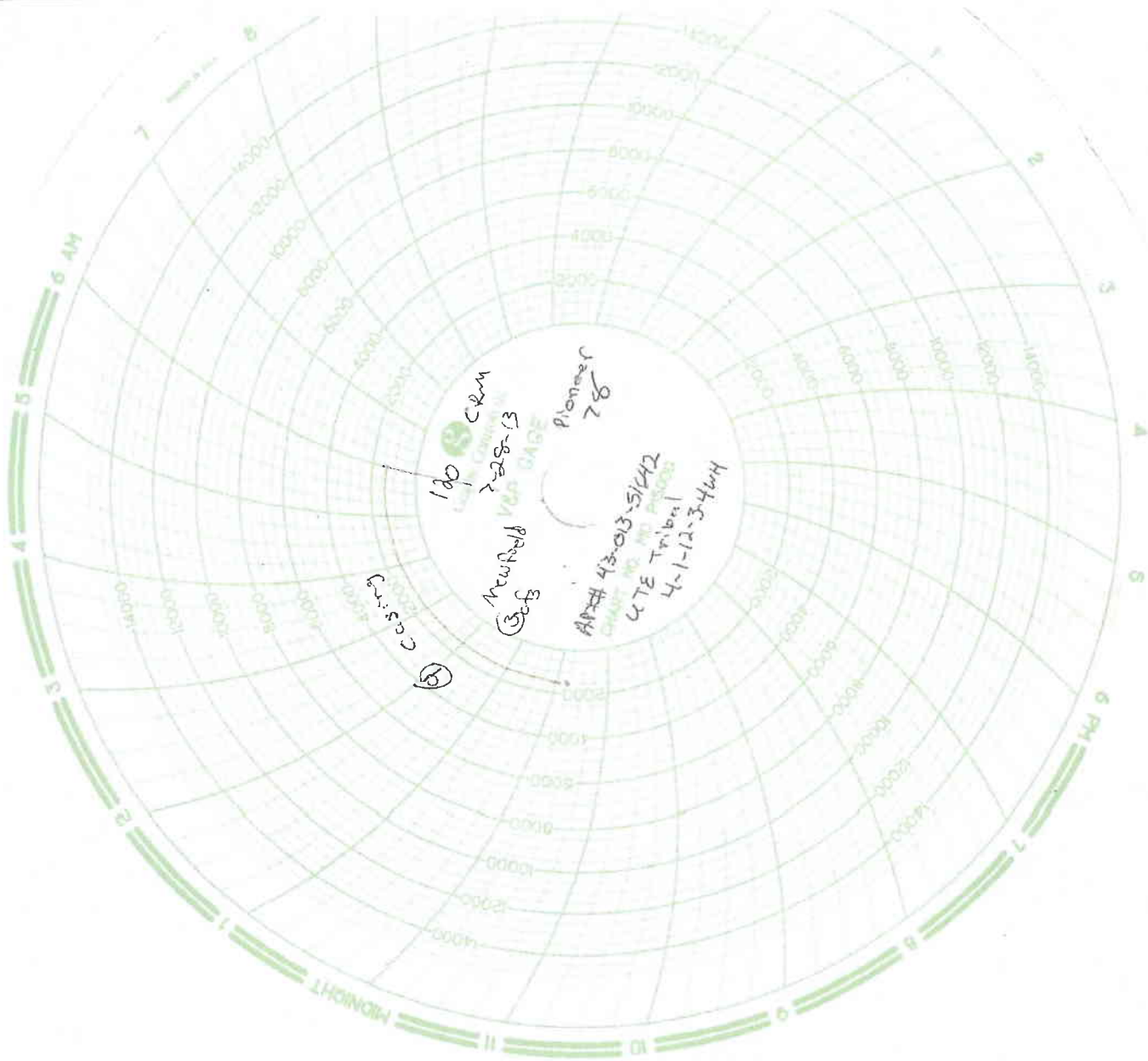


Chart # 2 on Reverse





BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 78Submitted By Darryl Reeder Phone Number 970.812.0022Well Name/Number Ute Tribal 4-1-12-3-4WHQtr/Qtr NW/NW Section 1 Township 3S Range 4WLease Serial Number FEEAPI Number ~~430135116420000~~ 4301351642TD Notice – TD is the final drilling depth of hole.Date/Time 9/2/13 1530 AM ☐ PM ☒Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
☐ Intermediate Casing
☒ Production Casing
☐ Liner
☐ Other

Date/Time 09/6/13 1200 AM ☐ PM ☒

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SEP 03 2013

DIV. OF OIL, GAS & MINING

Form 3160-4
(March 2012)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,

Other: _____

2. Name of Operator
NEWFIELD PRODUCTION COMPANY3. Address ROUTE #3 BOX 3630
MYTON, UT 840523a. Phone No. (include area code)
Ph:435-646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 89' FNL 487' FWL (NW/NW, LOT 4) SEC 1 T3S R4W

At top prod. interval reported below 1179' FNL 717' FWL (NW/NW, LOT 4) SEC 1 T3S R4W

At total depth 211' FSL 824' FWL (SW/SW) SEC 12 T3S R4W

14. Date Spudded
06/24/201315. Date T.D. Reached
09/11/201316. Date Completed 10/15/2013
☐ D & A ☒ Ready to Prod.5. Lease Serial No.
1420H6263886. If Indian, Allottee or Tribe Name
UINTAH AND OURAY

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
UTE TRIBAL 4-1-12-3-4WH9. API Well No.
43-013-5164210. Field and Pool or Exploratory
UNDESIGNATED11. Sec., T., R., M., on Block and
Survey or Area Sec 1 T3S R4S Mer UBM12. County or Parish
DUCHESNE13. State
UT14. Date Spudded
06/24/201315. Date T.D. Reached
09/11/201316. Date Completed 10/15/2013
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
5723' GL 5750'KB18. Total Depth: MD 19071'
TVD 9444'19. Plug Back T.D.: MD 18980'
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
19-1/2"	13-3/8" J-55	54.50	27'	1637'		540 CLASS V			
						675 CLASS G		5300'	
12-5/8"	9-5/8 N-80	40'	27'	9425'		2710 CLASS G			
						625 THERMAL			
8-7/8"	5-1/2" P-110	20	27'	19071'		392 TERGOVIS			
						1395 BONDCM			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@9455'	PN@9393'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER	10084'	18984'	10084' - 18984' MD	0.34	1086	Sleeve Job
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
10084' - 18984' MD	Frac w/ 15780#s of 100 mesh and 4270920#s of 30/50 sand in 94668 bbls of Lightning 20 fluid, in 41 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/15/13	10/25/13	24	→	1065	739	1010			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers
GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Uteland Butte C Uteland Butte D	9406' 9595'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Heather Calder Title Regulatory Technician
 Signature Heather Calder Date 11/04/2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

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SEP 09 2013

SURVEY REPORT



DIV. OF OIL, GAS & MINING

Weatherford®

Report Date: 9/2/2013

Customer: Newfield

Job Name: 4029975

Well Name: Ute Tribal 4-1-12-3-4WH

Field: Central Basin

Rig: Pioneer 78

Rig Loc: Bridgeland

Survey Calculation Method: Minimum Curvature						
Magnetic Reference	Target Direction	Total Magnetic Field	Magnetic Dip Angle	Magnetic Declination	Grid Convergence	Total Correction
True North	180.00 deg	52061 nT	65.86 deg	11.25 deg	0.00 deg	11.25 deg
Survey Tie-On	Depth	INC	AZ	TVD	NS	EW
	1511.00 ft	1.26 deg	286.56 deg	1510.69 ft	16.93 ft	-11.92 ft

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
1753.00	1.26	272.40	1752.63	17.80	-17.13	-17.80	0.13
1942.00	1.68	263.55	1941.57	17.58	-21.96	-17.58	0.25
2132.00	1.61	262.58	2131.49	16.92	-27.37	-16.92	0.04
2322.00	1.36	253.66	2321.43	15.94	-32.18	-15.94	0.18
2511.00	1.48	252.48	2510.37	14.57	-36.66	-14.57	0.07
2701.00	1.68	250.17	2700.30	12.89	-41.62	-12.89	0.11
2891.00	1.62	248.49	2890.22	10.96	-46.74	-10.96	0.04
3080.00	1.86	233.08	3079.13	8.14	-51.68	-8.14	0.28
3270.00	1.92	228.61	3269.03	4.18	-56.53	-4.18	0.08
3460.00	2.33	221.66	3458.90	-0.81	-61.49	0.81	0.25
3650.00	3.47	191.57	3648.66	-9.33	-65.21	9.33	0.98
3840.00	6.00	158.97	3838.03	-24.23	-62.80	24.23	1.89
4030.00	7.88	144.59	4026.64	-44.12	-51.68	44.12	1.34
4220.00	7.17	147.66	4215.01	-64.76	-37.79	64.76	0.43
4410.00	6.00	150.41	4403.75	-83.41	-26.55	83.41	0.64
4600.00	5.12	155.40	4592.86	-99.75	-18.12	99.75	0.53
4791.00	6.80	152.42	4782.82	-117.53	-9.33	117.53	0.89
4980.00	7.16	155.43	4970.42	-138.16	0.75	138.16	0.27
5170.00	7.40	150.56	5158.89	-159.58	11.68	159.58	0.35
5359.00	7.04	150.54	5346.39	-180.27	23.36	180.27	0.19
5549.00	6.41	149.26	5535.08	-199.52	34.51	199.52	0.34
5739.00	8.08	143.87	5723.56	-219.42	47.81	219.42	0.95
5929.00	6.97	147.11	5911.92	-239.89	61.94	239.89	0.63
6119.00	6.81	150.64	6100.55	-259.39	73.72	259.39	0.24
6308.00	8.09	144.32	6287.95	-279.96	86.97	279.96	0.80
6498.00	7.65	142.12	6476.16	-300.80	102.54	300.80	0.28
6688.00	7.52	147.87	6664.50	-321.31	116.91	321.31	0.41
6878.00	7.45	152.45	6852.89	-342.76	129.22	342.76	0.32
7068.00	7.41	153.19	7041.29	-364.61	140.45	364.61	0.05
7258.00	7.16	156.88	7229.76	-386.44	150.62	386.44	0.28
7447.00	7.13	149.87	7417.29	-407.42	161.14	407.42	0.46
7637.00	7.15	155.12	7605.82	-428.34	172.03	428.34	0.34
7827.00	8.15	156.39	7794.13	-451.41	182.40	451.41	0.53
8016.00	7.80	165.20	7981.31	-476.09	191.04	476.09	0.67
8206.00	8.06	163.46	8169.49	-501.32	198.13	501.32	0.19
8396.00	6.86	164.71	8357.88	-525.04	204.91	525.04	0.64
8586.00	6.91	168.46	8546.51	-547.18	210.19	547.18	0.24
8776.00	7.53	169.42	8735.00	-570.62	214.76	570.62	0.33
8965.00	8.31	173.40	8922.20	-596.36	218.61	596.36	0.50

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
9154.00	8.76	173.81	9109.11	-624.23	221.73	624.23	0.24
9312.00	9.12	177.22	9265.19	-648.70	223.63	648.70	0.41
9343.00	9.13	170.58	9295.80	-653.58	224.15	653.58	3.40
9377.00	9.47	177.57	9329.35	-659.04	224.71	659.04	3.47
9499.00	9.38	176.36	9449.70	-678.99	225.77	678.99	0.18
9562.00	17.12	174.28	9510.98	-693.36	227.02	693.36	12.31
9594.00	21.50	173.69	9541.17	-703.88	228.14	703.88	13.70
9626.00	26.48	175.20	9570.40	-716.83	229.38	716.83	15.68
9657.00	30.49	180.99	9597.65	-731.58	229.82	731.58	15.69
9689.00	34.64	184.55	9624.61	-748.78	228.96	748.78	14.28
9721.00	39.82	182.25	9650.08	-768.09	227.84	768.09	16.76
9752.00	44.39	179.94	9673.08	-788.87	227.46	788.87	15.56
9784.00	46.12	178.49	9695.60	-811.59	227.77	811.59	6.29
9816.00	48.39	178.24	9717.32	-835.08	228.44	835.08	7.12
9847.00	51.75	178.90	9737.22	-858.84	229.03	858.84	10.96
9879.00	57.17	178.92	9755.81	-884.87	229.53	884.87	16.94
9911.00	61.33	179.32	9772.17	-912.36	229.95	912.36	13.04
9943.00	64.17	179.68	9786.82	-940.80	230.20	940.80	8.93
9974.00	66.91	180.34	9799.65	-969.02	230.19	969.02	9.05
10006.00	69.93	180.60	9811.42	-998.77	229.94	998.77	9.47
10038.00	72.37	180.41	9821.76	-1029.05	229.68	1029.05	7.65
10069.00	75.15	179.46	9830.43	-1058.81	229.71	1058.81	9.44
10101.00	77.09	178.96	9838.10	-1089.87	230.14	1089.87	6.25
10133.00	78.88	178.02	9844.77	-1121.16	230.97	1121.16	6.29
10164.00	81.15	178.18	9850.14	-1151.67	231.98	1151.67	7.34
10196.00	82.70	178.67	9854.64	-1183.34	232.85	1183.34	5.08
10228.00	83.20	178.52	9858.56	-1215.09	233.63	1215.09	1.63
10259.00	83.41	178.52	9862.18	-1245.86	234.42	1245.86	0.68
10291.00	85.73	178.22	9865.21	-1277.71	235.33	1277.71	7.31
10322.00	87.62	178.24	9867.00	-1308.64	236.29	1308.64	6.10
10353.00	90.98	178.33	9867.38	-1339.62	237.21	1339.62	10.84
10385.00	91.89	177.74	9866.58	-1371.59	238.31	1371.59	3.39
10429.00	92.78	177.78	9864.79	-1415.52	240.03	1415.52	2.02
10461.00	93.21	177.29	9863.12	-1447.44	241.40	1447.44	2.04
10492.00	92.65	177.64	9861.53	-1478.37	242.77	1478.37	2.13
10524.00	92.66	178.35	9860.05	-1510.32	243.89	1510.32	2.22
10555.00	91.60	179.02	9858.90	-1541.29	244.60	1541.29	4.04
10587.00	91.42	179.23	9858.05	-1573.27	245.09	1573.27	0.86
10616.00	91.67	179.89	9857.27	-1602.26	245.31	1602.26	2.43
10650.00	91.73	179.83	9856.26	-1636.25	245.40	1636.25	0.25
10745.00	92.77	179.74	9852.53	-1731.17	245.75	1731.17	1.10
10777.00	93.08	179.47	9850.90	-1763.13	245.97	1763.13	1.28
10840.00	93.44	180.32	9847.32	-1826.03	246.09	1826.03	1.46
10934.00	92.53	180.95	9842.42	-1919.89	245.05	1919.89	1.18
11029.00	91.05	180.57	9839.46	-2014.83	243.79	2014.83	1.61
11124.00	91.67	181.13	9837.20	-2109.80	242.38	2109.80	0.88
11218.00	91.73	180.77	9834.41	-2203.74	240.82	2203.74	0.39
11313.00	93.64	180.57	9829.96	-2298.63	239.71	2298.63	2.02
11408.00	94.20	180.95	9823.47	-2393.40	238.45	2393.40	0.71
11502.00	92.72	179.17	9817.79	-2487.22	238.36	2487.22	2.46
11597.00	93.00	179.79	9813.05	-2582.09	239.22	2582.09	0.72
11692.00	91.85	180.80	9809.03	-2677.01	238.73	2677.01	1.61
11786.00	91.42	180.69	9806.35	-2770.96	237.51	2770.96	0.47

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		VSect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
11881.00	92.90	182.07	9802.77	-2865.86	235.22	2865.86	2.13
11976.00	92.96	182.65	9797.92	-2960.65	231.32	2960.65	0.61
12071.00	90.68	181.82	9794.90	-3055.53	227.61	3055.53	2.55
12165.00	90.43	181.46	9793.99	-3149.48	224.92	3149.48	0.47
12260.00	91.11	181.67	9792.71	-3244.44	222.33	3244.44	0.75
12355.00	91.54	181.98	9790.51	-3339.37	219.30	3339.37	0.56
12450.00	92.28	182.38	9787.35	-3434.24	215.69	3434.24	0.89
12544.00	92.71	182.24	9783.26	-3528.08	211.91	3528.08	0.48
12639.00	91.92	185.90	9779.42	-3622.74	205.17	3622.74	3.94
12734.00	91.60	188.72	9776.50	-3716.92	193.09	3716.92	2.99
12829.00	92.84	185.11	9772.82	-3811.14	181.66	3811.14	4.02
12924.00	91.48	177.51	9769.23	-3905.97	179.50	3905.97	8.12
13018.00	92.96	177.99	9765.59	-3999.83	183.18	3999.83	1.66
13113.00	92.64	181.02	9760.95	-4094.70	184.00	4094.70	3.20
13208.00	92.96	178.04	9756.31	-4189.57	184.78	4189.57	3.15
13303.00	93.76	178.11	9750.74	-4284.35	187.97	4284.35	0.85
13398.00	93.83	177.88	9744.45	-4379.09	191.28	4379.09	0.25
13493.00	92.90	176.23	9738.88	-4473.79	196.16	4473.79	1.99
13587.00	91.85	176.29	9734.98	-4567.51	202.28	4567.51	1.12
13682.00	91.11	175.86	9732.53	-4662.26	208.78	4662.26	0.90
13777.00	91.85	176.42	9730.07	-4757.01	215.18	4757.01	0.98
13872.00	93.46	177.82	9725.67	-4851.78	219.94	4851.78	2.24
13966.00	92.22	180.45	9721.01	-4945.64	221.36	4945.64	3.09
14061.00	92.84	182.46	9716.82	-5040.52	218.95	5040.52	2.21
14161.00	92.53	180.92	9712.14	-5140.36	216.01	5140.36	1.57
14256.00	92.90	179.12	9707.64	-5235.25	215.97	5235.25	1.93
14350.00	92.90	176.84	9702.88	-5329.06	219.28	5329.06	2.42
14445.00	92.78	175.61	9698.17	-5423.74	225.53	5423.74	1.30
14540.00	91.91	179.41	9694.28	-5518.55	229.65	5518.55	4.10
14634.00	93.52	180.87	9689.83	-5612.44	229.42	5612.44	2.31
14729.00	92.53	184.20	9684.82	-5707.20	225.22	5707.20	3.65
14824.00	92.47	184.23	9680.67	-5801.85	218.25	5801.85	0.07
14919.00	93.76	182.26	9675.51	-5896.55	212.88	5896.55	2.48
15013.00	95.00	179.13	9668.33	-5990.26	211.74	5990.26	3.57
15108.00	94.26	178.49	9660.66	-6084.93	213.71	6084.93	1.03
15203.00	94.32	177.84	9653.55	-6179.61	216.74	6179.61	0.69
15298.00	91.97	177.46	9648.34	-6274.38	220.63	6274.38	2.51
15393.00	92.41	177.40	9644.71	-6369.22	224.89	6369.22	0.47
15488.00	90.99	177.12	9641.89	-6464.07	229.43	6464.07	1.52
15582.00	91.54	176.77	9639.82	-6557.91	234.43	6557.91	0.69
15677.00	92.47	176.97	9636.49	-6652.71	239.62	6652.71	1.00
15772.00	94.13	176.66	9631.03	-6747.40	244.89	6747.40	1.78
15867.00	95.37	177.04	9623.16	-6841.93	250.09	6841.93	1.36
15962.00	92.41	176.55	9616.72	-6936.55	255.39	6936.55	3.16
16057.00	89.44	176.54	9615.18	-7031.35	261.11	7031.35	3.13
16151.00	92.71	177.06	9613.42	-7125.18	266.36	7125.18	3.52
16246.00	92.90	176.79	9608.77	-7219.93	271.45	7219.93	0.35
16341.00	94.57	177.10	9602.58	-7314.59	276.50	7314.59	1.79
16436.00	95.18	177.41	9594.51	-7409.14	281.03	7409.14	0.72
16530.00	95.87	176.69	9585.46	-7502.57	285.85	7502.57	1.06
16625.00	92.10	175.78	9578.86	-7597.12	292.07	7597.12	4.08
16720.00	94.01	176.52	9573.79	-7691.77	298.44	7691.77	2.16
16815.00	92.53	174.86	9568.37	-7786.34	305.57	7786.34	2.34

Depth (ft)	Inc (deg)	Azm (deg)	TVD (ft)	Well Head		Vsect (ft)	Dogleg (deg/100ft)
				NS (ft)	EW (ft)		
16910.00	92.65	173.90	9564.08	-7880.78	314.86	7880.78	1.02
17005.00	94.32	174.34	9558.31	-7975.11	324.58	7975.11	1.82
17100.00	93.82	174.10	9551.56	-8069.38	334.12	8069.38	0.58
17195.00	93.21	178.43	9545.74	-8163.98	340.30	8163.98	4.59
17290.00	93.02	179.76	9540.57	-8258.83	341.79	8258.83	1.41
17385.00	93.82	180.19	9534.91	-8353.66	341.84	8353.66	0.96
17480.00	93.27	180.41	9529.03	-8448.47	341.34	8448.47	0.62
17574.00	93.15	180.95	9523.77	-8542.32	340.23	8542.32	0.59
17669.00	92.96	181.12	9518.71	-8637.17	338.51	8637.17	0.27
17764.00	92.90	180.29	9513.85	-8732.04	337.34	8732.04	0.87
17859.00	93.39	181.02	9508.64	-8826.89	336.26	8826.89	0.92
17954.00	92.34	180.69	9503.89	-8921.75	334.84	8921.75	1.16
18049.00	92.59	180.23	9499.80	-9016.66	334.08	9016.66	0.55
18144.00	92.90	180.09	9495.25	-9111.55	333.82	9111.55	0.36
18238.00	93.39	179.44	9490.10	-9205.41	334.20	9205.41	0.87
18333.00	93.76	179.46	9484.17	-9300.22	335.11	9300.22	0.39
18428.00	93.21	179.51	9478.40	-9395.04	335.96	9395.04	0.58
18523.00	93.89	180.43	9472.52	-9489.86	336.01	9489.86	1.20
18618.00	92.59	179.92	9467.15	-9584.70	335.73	9584.70	1.47
18712.00	93.20	180.19	9462.40	-9678.58	335.64	9678.58	0.71
18807.00	93.27	180.01	9457.04	-9773.43	335.47	9773.43	0.20
18902.00	92.40	179.28	9452.34	-9868.31	336.06	9868.31	1.19
18997.00	93.08	179.87	9447.80	-9963.20	336.76	9963.20	0.95
19071.00	92.65	179.89	9444.10	-10037.11	336.92	10037.11	0.58
Projected to Total Depth:							
19117.00	92.65	179.89	9441.97	-10083.06	337.00	10083.06	0.00

Weatherford surveys from 1753 ft MD to 19071 ft MD.

TD at 19117 ft MD.

The total correction is 11.25 deg relative to True North.



Summary Rig Activity

Well Name: Ute Tribal 4-1-12-3-4WH

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date 9/18/2013	Report End Date 9/19/2013	24hr Activity Summary MIRU, FMC Frac Stack, RU Flowback, test frac stack, test flowback, RU Halliburton acid crew, attempt at pump down well,
Start Time 06:00	End Time 15:00	Comment Install 7 1/16 Frac Valves and Test
Start Time 15:00	End Time 20:00	Comment Pressure Test FB Lines
Start Time 20:00	End Time 00:00	Comment Pressure up to 8550 15 bbls pumped in. Held pressure for 1 hour bled off FB to 32/64th choke to 0 psi
Start Time 00:00	End Time 05:00	Comment Let well build up pressure 185 psi to 0 flow back 20 bbls
Report Start Date 9/19/2013	Report End Date 9/20/2013	24hr Activity Summary Continue to attempt to pump down well.
Start Time 00:00	End Time 08:00	Comment Bled Well Down to 0 psi. Pumped Well up to 5000 psi at 2 bbls a minute, pumped 7 bbls open fB to 28/64 choke FB 7 bbls at 1.8 bbls/min, bled down to 0 psi. 2nd Pump down we pumped 2 bbl/min to 7000 psi, pumped 12 bbls. No bleed off. Open FB and bled off on 26/64 choke to 0 psi. 3rd pump down, pumped 4 bbls/min to 8000 psi. Pump 12 bbls, no bleed off. Open fb to 26/64 choke. Bled well down to 0 psi. 4th Pump down 4bbl/min to 8000 psi. Pumped 11.3 bbls. Held pressure for 25 minutes. Lost 6 psi. Open well on 26/64 choke down to 0 psi.
Start Time 08:00	End Time 11:00	Comment Rigging Down Acid Pumping Crew
Start Time 11:00	End Time 00:00	Comment waiting for tractor tools. should be on location @6am 9/20/13
Report Start Date 9/20/2013	Report End Date 9/21/2013	24hr Activity Summary Rig Up JW and Tractor Tools
Start Time 00:00	End Time 07:00	Comment waiting for WelltecTractor tools to get to location
Start Time 07:00	End Time 00:00	Comment RIH w/ tractor tools 3.37"x20.81'x 1.8'CCL - 4' perf gun. We made it 17,197.2 POOH 50'. Started the tractor back up made it 17,440.3 POOH 70'. Started the tractor back up made it 17,843.3 POOH 70'. Started the tractor back up made it 17,844.4 POOH 100'. It has been slow going since right around 16,900'. Discussed with Welltec Supervisor and he is pretty sure with the way the tractor is operating it is wore out. So, at this time we are going to POOH with tractor tools 3.37"x20.81'x 1.8'CCL - 4' perf gun.
Report Start Date 9/21/2013	Report End Date 9/22/2013	24hr Activity Summary POOH at 17844.4 w/ tractor tools 3.37"x20.81'x 1.8'CCL - 4' perf gun. POOH w/ wire line tools MIRU work over rig. ND FMC Frac stack and NU WFD BOP Stack and test to Newfield testing Procedures.
Start Time 00:00	End Time 02:30	Comment POOH w/ Tractor because the Welltec Supervisor thinks its just wore out.
Start Time 02:30	End Time 05:00	Comment OOH w/ Tractor and perf gun. Welltec will inspect the tractor and see whats went wrong with it. Welltec said the tractor checked out ok they will redress the tractor and get it ready to put it back in the hole.
Start Time 05:00	End Time 14:00	Comment POOH w/ tractor tools 3.37"x20.81'x 1.8'CCL . RD JW wire line . RD Halliburton Acid crew.
Start Time 14:00	End Time 19:00	Comment ND FMC 7 1/16" frac stack. NU Weatherford 7 1/16" 10K BOP stack
Start Time 19:00	End Time 21:00	Comment MIRU Nabors Rig #1450 Guy Rig out.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time		21:00		End Time		00:00		Comment		NU WFD 7 1/16th 10k BOP stack. Off loaded the PH6 workstring. Started testing the BOP stack to Newfields testing guide lines.	
Report Start Date		9/22/2013		Report End Date		9/23/2013		24hr Activity Summary		Test WFD 7 1/16th 10k blind shear BOP stack. Finish RU of the WOR and RIH with 2 3/8th PH6 work string.	
Start Time		00:00		End Time		06:00		Comment		Finish testing the WFD 7 1/16th 10k blind shear BOP stack.	
Start Time		06:00		End Time		13:00		Comment		RU work floor Spot in Cat walk. CSI is cleaning & drifting 615jts 2 3/8" 5.95# PH-6	
Start Time		13:00		End Time		00:00		Comment		Convex Mill – 4.625"OD x 1.250"ID x 1.76'Length, Crossover sub – 2.875"OD x 1.250"ID x 0.99'Length, Perforation Tool – 4.385"OD x 2.3'Length, Crossover sub – 2.875"OD x 1.250"ID x 0.51'Length, Double Flapper – 2.785"OD x 1.0"ID x 2.27'Length, 2-3/8" 5.95# PH-6 tubing.	
Report Start Date		9/23/2013		Report End Date		9/24/2013		24hr Activity Summary		RIH with PH6 workstring	
Start Time		00:00		End Time		09:00		Comment		RIH with BHA on 2 3/8th PH6 workstring to cleanout to PBTD	
Start Time		09:00		End Time		11:00		Comment		Started to load the tubing and with top pipes closes and visually it started leaking, all accumulators pressure were within operating range. Proceeded to close the annular and fill tubing with no issues. Open/closed top pipes again, noticed the stem travel was approx. 0.5-1.0" extra on one side in closed position. Pumped down tubing again, held to 4000 psi with top pipes closed, no visual leaks. Alerted Weatherford for possible service technician. Made calls and was told to have service tech to assess problem.	
Start Time		11:00		End Time		15:00		Comment		Continue RIH 2-7/8" PH-6.	
Start Time		15:00		End Time		15:00		Comment		Load and tally pipe rack. Joint 481 in the hole. Rig up power swivel to rig floor and get ready for rotating in joints @ 15,000' which was problem section from tractor. Having to turn pipe to continue in hole, pumping pipe on pipe to free up drag. presently @ 16,295' pumping sweep.	
Report Start Date		9/24/2013		Report End Date		9/25/2013		24hr Activity Summary		RIH with PH6 workstring	
Start Time		00:00		End Time		02:30		Comment		Continue to pick up pipe and swivel in hole,	
Start Time		02:30		End Time		06:00		Comment		circulate well bore clean with 20 bb sweeps, working pipe while circulating well. Rate 3.0 bpm@4,300 psi through 2" flowback, 0 psi on well. Returns were brownish fluid, no mud present.	
Start Time		06:00		End Time		11:00		Comment		PJSM with Nabors, Rockwater, Weatherford, SMS and NFX. Topics: communication, muster points, PPE, energized lines, 3-point contact, pinch points and good change out. : Swivel up joints, rotating in on Jnt- 558. EOT @ 17,238.78' up 68K neutral 48K down 20K	
Start Time		11:00		End Time		14:30		Comment		Current operation: Swiveled up joints, rotated in to Jnt- 596. EOT @ 18,474.85' and tagged up with torque. Picked up and started to circulate, rate of 1.2 @ 5000 psi. Returns through 2" 1502 iron 1.5bpm. We are currently mixing with Weatherford blender friction reducer to drop friction pressure down tubing. Also, swab tank and transfer pump coming to re-circulate fluids. Will have to break pump iron to spot swab tank.	
Start Time		14:30		End Time		18:00		Comment		Achieved a rate of 3200 psi @ 2.5 bpm will milling through problem section, 68k-Up, 4K-Down.	



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	18:00	End Time
		00:00
Comment Swiveled in to Jnt - 599, tagged up again. Circulated and rotated above tag point: 58K-Up, 4K-Down, Neutral-40K. POOH joint - 599, tagged again in another spot 18,523'. Circulated and worked pipe, set 2000lbs and worked through. PU Jnt -599, tagged in same spot @ 18,553 EOT. Pump rate 2000 psi @ 2.3 bpm, drilled thru bridge and wash down to 18,980' (PBDT), Circulate fill up hole some, lay hard line to floor and ready to perforate,		
Start Time	00:00	End Time
		00:00
Comment		
Report Start Date	Report End Date	24hr Activity Summary
9/25/2013	9/26/2013	RIH with PH6 workstring. Had several tight areas from 18,500' onward, rotated and milled through. Reached TD and circulated toe sleeve and cut (8) holes with abrasive tool. POOH with workstring.
Start Time	00:00	End Time
		02:30
Comment Lay down 1 jt and sub up and RIH to perforation depth, Close in well and pump into toe @5,800 Psi @ 1.5 bpm, pumped 18 bbls to open toe, Toe opened and pressure dropped to 5,600 Psi, pumped 20 bbls @ 5,600 Psi @ 1.5 bpm, shut down pump and pressure fell to 3,800 Psi shut in pressure, open well and pressurize system and began sand perforating,		
Start Time	02:30	End Time
		06:00
Comment Sand Jet perforating #1 setting at 18,968', Shift sleeve, perforate at 2.7 bpm, @7,000 Psi, with returns @2.7 bpm @3,000 Psi, pump sand 1500lbs down with 75 bbls, displace 75bbls. Sand Jet perforating #2 setting at 18,963', Perforate at 2.2 bpm, @5,700 Psi, with returns @2.1 bpm @2,400 Psi, pump sand 1500lbs down with 75 bbls, displace 75bbls.		
Start Time	06:00	End Time
		08:15
Comment PJSM with Weatherford, Nabors, SMS, Rockwater and NFX. Explained hazards of pinch points swiveling OOH, PPE, awareness with communicating properly to current operations, muster areas, land guides and working at heights. Circulated 2.9bpm @ 2500 psi. Returns are 3.0bpm @ 0 psi. Friction reducer and pipe on pipe chemicals will be in lateral. Marker seen at 340 bbls, displaced tubing to 370bbls, shut down.		
Start Time	08:15	End Time
		08:45
Comment Mini injection test: Close top pipe rams, close in to flowback. Pump caught pressure 0.25bbls away, built very smooth to 2000psi @ 2.5bpm. Pumped 2.5min for approx total of 6bbls. Pressure held steady, no fluctuation entire volume. Open well through flowback with 250psi, vented gas and fluid with dropping down to 5psi and 0psi.		
Start Time	08:45	End Time
		17:15
Comment POOH joint-612 with swivel, 78K-Up, 45K-Down, 60K-Neutral. No tight spots, continued to Jnt-599 with swivel. Switched to POOH with elevators, still no issues.		
Start Time	17:15	End Time
		18:00
Comment Stop POOH @ Jnt-312 to fill hole. Filled down tubing, 26bbls to fill, returns at the tank, 0 Psi. RD power swivel, went to fast line. Moved pipe off catwalk and shift change for services.		
Start Time	18:00	End Time
		23:30
Comment Continue to POH and lay down work string, POH laying down 2 3/8" PH-6 workstring, Closed HCR Valve, 620 jts and BHA, (pictures taken and sent in), RD WOR floor, and equipment,		
Start Time	23:30	End Time
		00:00
Comment Pump into well for injection rate and pressure, SICP 0 Psi, pumped 6 bbls and caught pressure, Pumped 20 bbls into well @3.7 bpm, @ 4,000 Psi, Pressure holding steady. Shut down pump and Pressure stayed at 4,000 Psi.		
Report Start Date	Report End Date	24hr Activity Summary
9/26/2013	9/27/2013	Lay down 2 3/8 tbg, RD rig floor, ND BOP's NU frac stack and test, Break down formation and get injection rate,
Start Time	00:00	End Time
		02:00
Comment ND 7 1/16" 10K BOP's and set on side of location, NU 7 1/16 10K frac stack, and Test as per Newfield's procedure., prep well head for ND of drillout stack, and NU of frac stack. RD weatherford's pump and equipment.		
Start Time	02:00	End Time
		07:00
Comment ND 7 1/16" 10K BOP's and set on side of location, NU 7 1/16 10K frac stack, and Test as per Newfield's procedure.		

RECEIVED: NOV. 14, 2013



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	07:00	End Time
		09:30
Comment		
RD Nabors #1450 off location. Weatherford blender off location. Move other equipment to clear for Halliburton pumping injection test.		
Start Time	09:30	End Time
		14:30
Comment		
Dalbo swab tank, Weatherford rig pump, hydraulic catwalk, Nabors rig pump/tank off location. Continue pressure testing per guidelines. Halliburton pumping on location to rig in iron for injection test.		
Start Time	14:30	End Time
		16:30
Comment		
Weatherford pressure tested FMC frac stack with ball catcher as per NFX guidelines, all passed. Halliburton MIRU frac blender, 4 – frac pumps, iron truck for injection test. Select moving light plants and JW Wireline en route with HES dummy plug/CCL/CBL.		
Start Time	16:30	End Time
		18:30
Comment		
JW Wireline rigged up, Halliburton 10K Obsidian 5-1/2" FTCP on location. HES water manifolds on location, Nabors rig tank moved for frac. Outback rental generator released and other equipment moved in preparation for 40 stage frac.		
Start Time	18:30	End Time
		23:30
Comment		
Start in with 20 bbls acid, @ 3.3 bpm, @ 6,477 Psi, pressure broke to 5,322 psi, then slowly started climbing back up to 5,700 Psi, worked rate to 7 bpm @6,100 Psi, 19.7 bpm @ 6,400, Shut down pumps and RIH wireline. (Total bbls pumped 1,130), Recap: broke formation at 7,500 Psi, started pumping at 3.3 bpm, worked up to 20.7 bpm at 6,400 Psi, Pumped total of 1,130 bbls, 20 bbls acid, Acid hit perf's and pressure fell from 6,300 psi to 5,300, Brought rate up to 20.7 bpm and pressured leveled off around 6,400 Psi. Shut down pumps, RU wireline to run logs.		
Start Time	23:30	End Time
		00:00
Comment		
PUMU wire line tools and test lubricator to 9,500 psi, Held 5 mins, Test good.		
Report Start Date	Report End Date	24hr Activity Summary
9/27/2013	9/28/2013	RIH with CBL log, MIRU pumping
Start Time	00:00	End Time
		04:00
Comment		
Tested lubricator to 9,500 Psi, tested good, Opened well with SICP 3,436 Psi, RIH to 9,400' and started pump down, Pumped tools to 16,000', lost pump rate, Pulled 200' up hole and restarted pump down, pumped down to 18,235' tool stopped, picked up 200' and restarted pump down, pumped tools to 18,970', shut down pumps and pull up and found pick up at 18,897', started logging at 18,897', 17 bpm to move tools down hole, avg pressure 6,150 Psi. Total of 1,147 bbls for pump down. 10,000' 5,300 Psi, 150 line feed, 900 line wt, 17 bpm, 11,000' 5,985 Psi, 178 line feed, 850 line wt, 17 bpm, 12,000' 6,091 Psi, 173 line feed, 843 line wt, 17 bpm, 13,000' 6,227 Psi, 180 line feed, 863 line wt, 17 bpm, 14,000' 6,188 Psi, 173 line feed, 815 line wt, 17 bpm, 16,000' 6,108 Psi, 139 line feed, 723 line wt, 17 bpm, Lost pump rate, 16,238', Pulled up 200' to check tools, tools ok, and restarted pump down, 16,780' 6,200 Psi, 168 line feed, 698 line wt, 17 bpm, Tools stopped, pick up 200' and restarted pump down, 17,000' 6,100 Psi, 134 line feed, 724 line wt, 17 bpm, 18,000' 5,895 Psi, 99 line feed, 705 line wt, 17 bpm, 18,400' tools stopped, picked up 200' and restarted tools, 18,800' 5,980 Psi, 101 line feed, 681 line wt, 17 bpm, 18,970' shut down pumps, Picked up on tools and found pick up at 18,897', logging from there up. Total bbls pumped for pump down 1,147 bbls.		



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	04:00	End Time
		09:00
Comment JW Wireline CCL/CBL/Dummy plug OOH. In lateral casing marker joints @ 16,354'-16,364' and 13,349'-13,359'. Wireline CCL shows 16,325'-16,363' and 13,261'-13,271' respectively. TOC appears to be 5300.' Gamma ray has minimal fluctuation to correlate to in lateral, 16,000'-16,100' is best indication for open hole log. Office was notified of issues with logging run and decision made to send in logs and move ahead with frac preparation.		
Start Time	09:00	End Time
		10:00
Comment PJSM for RD of Halliburton equipment. Main hazards is an extremely slippery location from overnight rain and moving equipment off location down entry roads. Halliburton hydration unit on location and wireline released off location till frac. 4-C Reclamation to offload 400bbls of flowback fluid.		
Start Time	10:00	End Time
		22:00
Comment Frac chemicals, Acid tanker, Crew van and sand mover on location to MIRU for frac. Performed a fire assessment with SMS. Due to location of flowback tanks within terrain, wind direction and muster points must be strictly adhered by. Halliburton equipment may be shut down in case of flowing back well. Halliburton equipment: 3-Sand Movers, T-Belt, 4-Frac pumps and pre-gel on location being spotted and rigged up		
Start Time	22:00	End Time
		00:00
Comment Pump stage #1 frac, pressured up on flush, dropped rate to 4 bpm and finish of sand into formation, continue to pump and flush casing and get pump rate back up to 20 bpm for plug and gun's pump down. JSA and safety meeting. Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I stage 1 as follows: max rate 25 bpm. Avg rate 25 bpm, max press 8,951 psi, and Avg press 6,456. Fracked with 1,414 bbl of 25# Delta 200 / Fresh Water. 5,053 lbs of 0.5-1 PPG 100 Mesh. 37,447 lbs of 2 PPG 30/50 sand Avg HHP: 3,940. ISIP 7,069 psi. 1 min ISDP 6,162 psi. 4 min ISDP 4,857 psi. 10 min ISDP 4,494 psi. 3,213 TLWTR.		
Report Start Date	Report End Date	24hr Activity Summary
9/28/2013	9/29/2013	-
Start Time	00:00	End Time
		05:00
Comment Test lubricator to 9,500 Psi, good, RIH with plug and guns, Correlated to marker jt, Found out guns wired wrong, POH to correct mistake. Tools wired so that plug and first gun would have fired at same time, RIH with new guns and plug for pump down.		
Start Time	05:00	End Time
		09:00
Comment 04:00- JSA and safety meeting. Pressure test lubricator to 9000 psi for 5 minutes, OK. RIH. Pump down rate 15.3 bpm at 7,122 psi. 887 bbl to pump plug. Set plug at 18,890'. Perforate stage 2 at 18,846-848', 18,791-793' & 18,710-712'. 1.5 ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. POOH. All tools recovered. All shots fired		
Start Time	09:00	End Time
		11:30
Comment 09:50 Stage #2 frac. Having issue with LA 2 keeping chemical pumping. Flush X/Link out of well bore. Halliburton engineer went back to chemical trailer to look at the issue and was decided that the chemical to thick. Swap tote and change LA 2 to LA 6 and began rolling all chemical. 10:20 Continue to frac stage #2. 09:00-11:30 JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I stage 2 as follows: max rate 37 bpm. Avg rate 34 bpm, max press 5,780 psi, and Avg press 5,540. Fracked with 2,563 bbl of 25# Delta 200 / Slick Water. 5,200 lbs of 0.5-1 PPG 100 Mesh. 69,600 lbs of 0.5-3 PPG 30/50 sand Avg HHP: 4,590. ISIP 4,785 psi. 1 min ISDP 4,705 psi. 4 min ISDP 4,485 psi. 10 min ISDP 4,330 psi. 3,870 TLWTR.		
Start Time	11:30	End Time
		15:45
Comment 11:30 - JSA and safety meeting. Pressure test lubricator to 9000 psi for 5 minutes, OK. RIH. Pump down rate 15.1 bpm at 5,084 psi. 609 bbl to pump plug. Set plug at 18,687'. Perforate stage 3 at 18,658-660', 18,560-562' & 18,467-469'. 1.5 ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. POOH. All tools recovered. All shots fired		



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	15:45	End Time
		17:15
Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I stage 3 as follows: max rate 37 bpm. Avg rate 35 bpm, max press 5,485 psi, and Avg press 5,325. Fracked with 1,823 bbl of 25# Delta 200 / Slick Water. 5,527 lbs of 0.5-1 PPG 100 Mesh. 67,873 lbs of 0.5-3 PPG 30/50 sand Avg HHP: 4,777. ISIP 4,800 psi. 1 min ISDP 4,700 psi. 4 min ISDP 4,480 psi. 10 min ISDP 0 psi. 2,857 TLWTR.		
Start Time	17:15	End Time
		20:15
Comment JSA and safety meeting. Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH. Pump down rate 16.0 bpm at 4,981 psi. 551.4 bbl to pump plug. Set plug at 18,392'. Perforate stage 4 at 18,353'-355', 18,319'-321' & 18,290'-292'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 36 holes total. POOH. All tools recovered. All shots fired. End pressure 4,058 Psi.		
Start Time	20:15	End Time
		23:15
Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I Stage #4 as follows: max rate 45 bpm. Avg rate 44 bpm, max press 8,895 psi, and Avg press 6,362. Fracked with 1,781 bbl of 25# Delta 200 / Slick Water. 0 lbs of 0.5-1 PPG 100 Mesh. 80,290 lbs of 0.5-3 PPG 30/50 sand Avg HHP: 6,908. ISIP 6,275 psi. 1 min ISDP 4,994 psi. 4 min ISDP 4,205 psi. 10 min ISDP 4,100 psi. 3161 TLWTR. Sanding out on tail end of sand, Dropped rate and flush casing and work rate back up to pump down guns and plug.		
Start Time	23:15	End Time
		00:00
Comment Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH.		
Report Start Date	Report End Date	24hr Activity Summary
9/29/2013	9/30/2013	Perforated and fraced stage 2 thru stage 4
Start Time	00:00	End Time
		02:00
Comment JSA and safety meeting. Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH. Pump down rate 16.3 bpm at 6,758 psi. 649 bbl to pump plug. Set plug at 18,221'. Perforate stage #5 at 18,180'-82', 18,093'-95' & 18,057'-59'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. 01:00 am POOH. All tools recovered. All shots fired. End pressure 4,058 Psi.		
Start Time	02:00	End Time
		03:30
Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I Stage #5 as follows: max rate 45 bpm. Avg rate 45 bpm, max press 7,199 psi, and Avg press 5,698. Fracked with 1,926 bbl of 25# Delta 200 / Slick Water. 0 lbs of 0.5-1 PPG 100 Mesh. 111,600 lbs of 0.5-3 PPG 30/50 sand Avg HHP: 6,271. ISIP 4,834psi. 1 min ISDP 4,729 psi. 4 min ISDP 4,608 psi. 10 min ISDP 4,324psi. 2,980 TLWTR.		
Start Time	03:30	End Time
		06:00
Comment Wireline was having problems communicating with tool. Decided to bring tools to surface and check assembly before entering lateral.		
Start Time	06:00	End Time
		08:00
Comment Wireline BHA had an incorrect wiring inline on tool, BHA brought to surface and issue was found to be an incorrect wiring.		
Start Time	08:00	End Time
		10:00
Comment RIH to a plug set depth of 18,001' w/line tension 1295. Went to set plug and tool did not communicate. Had voltage but no current, also tension did not show loss after 1.5 minutes with no audible indication w/ microphone. Set plug again with no success. It was decided to bring BHA OOH for further checks.		
Start Time	10:00	End Time
		12:00
Comment BHA on surface. Per Newfield it was decided to revert back to the old system of switches for continuation of well.		
Start Time	12:00	End Time
		14:30
Comment RIH with Wireline. Perforate Stage #6 @ 17,955'-57', 17,898'-900' & 17,840'-42'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. Pump rate 15.5bpm @ 4,913psi for 921bbls total.		



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	14:30	End Time
	16:30	Comment
		JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-Stage #6 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 5,970 psi, and Avg press 5,840. Fracked with 2,341 bbl of 25# Delta 200 / Slick Water. 0 lbs of 0.5-1 PPG 100 Mesh. 110,400 lbs of 0.5-3 PPG 30/50 sand Avg HHP: 6,427. ISDP 6,355 psi. 1 min ISDP 6,070 psi. 4 min ISDP 5,405 psi. 10 min ISDP 4,815 psi. 2,341 TLWTR. Cost-\$66,926.90
Start Time	16:30	End Time
	18:30	Comment
		JSA and safety meeting. Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH. Pump down rate 15.7 bpm at 5,612 psi. 575 bbl to pump plug. Set plug at 17,799'. Perforate stage #7 at 17,771'-72.5', 17,710'-11.5' & 17,650'-51.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. POOH. All tools recovered. All shots fired. End pressure 4,146 Psi.
Start Time	18:30	End Time
	20:00	Comment
		JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2'and 'I Stage #7 as follows: max rate 46 bpm, Avg rate 45 bpm, max press 6,081 psi, and Avg press 5,364. Fracked with 1,461 bbl of 25# Delta 200 / Slick Water. 0 lbs of 0.5-1 PPG 100 Mesh. 111,100 lbs of 0.5-3 PPG 30/50 sand, Avg HHP: 5,916. ISIP 5,076 psi. 1 min ISDP 4,911 psi. 4 min ISDP 4,309 psi. 10 min ISDP 4,208 psi. 2432 TLWTR.
Start Time	20:00	End Time
	22:30	Comment
		JSA and safety meeting. Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH. Pump down rate 16.0 bpm at 4,981 psi. 551.4 bbl to pump plug. Set plug at 17,580'. Perforate stage #8 at 17,528'-29.5', 17,458-59.5', 17,418- 19.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. POOH. All tools recovered. All shots fired. End pressure 3,994 Psi.
Start Time	22:30	End Time
	00:00	Comment
		JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2'and 'I Stage #8 as follows: max rate 46 bpm. Avg rate 46 bpm, max press 7,181 psi, and Avg press 5,687. Fracked with 1,612 bbl of 25# Delta 200 / Slick Water. 0 lbs of 0.5-1 PPG 100 Mesh. 113,400 lbs of 0.5-3 PPG 30/50 sand Avg HHP: 6,370. ISIP 4,942 psi. 1 min ISDP 4,828 psi. 4 min ISDP 4,603 psi. 10 min ISDP 4,332 psi. 2,591 TLWTR. Cost \$68,213.94
		JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2'and 'I Stage #8 as follows: max rate 46 bpm. Avg rate 46 bpm, max press 7,181 psi, and Avg press 5,687. Fracked with 1,612 bbl of 25# Delta 200 / Slick Water. 0 lbs of 0.5-1 PPG 100 Mesh. 113,400 lbs of 0.5-3 PPG 30/50 sand Avg HHP: 6,370. ISIP 4,942 psi. 1 min ISDP 4,828 psi. 4 min ISDP 4,603 psi. 10 min ISDP 4,332 psi. 2,591 TLWTR. Cost \$68,213.94
Report Start Date	Report End Date	24hr Activity Summary
9/30/2013	10/1/2013	Perf & Frac Stages 9 to 12
		Perf Stage # 13
Start Time	00:00	End Time
	03:00	Comment
		JSA and safety meeting. Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH. Pump down rate 17.4 bpm at 4,943 psi. 639.4 bbl to pump plug. Set plug at 17,350'. Perforate stage #9 at 17,316'- 17.5', 17,248 - 49.5', 17,188 - 89.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. POOH. All tools recovered. All shots fired. End pressure 3,992 Psi.
Start Time	03:00	End Time
	05:00	Comment
		JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2'and 'I Stage #9 as follows: max rate 48 bpm. Avg rate 44 bpm, max press 7,842 psi, and Avg press 6,025. Fracked with 2,482 bbl of 25# Delta 200 / Slick Water. 0 lbs of 0.5-1 PPG 100 Mesh. 111,900 lbs of 0.5-3 PPG 30/50 sand Avg HHP: 6,512. ISIP 5,511 psi. 1 min ISDP 5,170 psi. 4 min ISDP 4,784 psi. 10 min ISDP 0 psi. 2,980 TLWTR. Cost \$72,041.22

RECEIVED: NOV. 14, 2013



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	05:00	End Time
		07:00
Comment JSA and safety meeting. Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH. Pump down rate 17.3 bpm at 5,334 psi. 530.16 bbl to pump plug. Set plug at 17,107'. Perforate stage #10 at 17,070'-71.5', 16,995'-96.5', 16,910' - 11.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. POOH. All tools recovered. All shots fired. End pressure 4,058 Psi.		
Start Time	07:00	End Time
		08:30
Comment Stage #10 as follows: max rate 48 bpm. Avg rate 43 bpm, max press 7,310 psi, and Avg press 6,090. Fracked with 1,349 bbl of 25# Delta 200 / Slick Water. 112,900 lbs of 0.5-6 PPG 30/50 sand Avg HHP: 6,478. ISIP 4,900 psi. 1 min ISDP 4,865 psi. 4 min ISDP 4,620 psi. 10 min ISDP 4,340 psi. 2,259 TLWTR. Cost \$67,99.05		
Start Time	08:30	End Time
		11:30
Comment JSA and safety meeting. Pressure test lubricator to 10,000 psi for 5 minutes, OK. RIH. Pump down rate 15.2 bpm at 5,117 psi. w/713 bbl to pump plug. Set plug at 16,893'. Perforate stage #11 at 16,840'-841.5', 16,760'-761.5' & 16,700'-701.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. POOH. All tools recovered. All shots fired. End pressure 4,058 Psi. NOTE: RIH w/plug to plug depth and PU hole to set plug and plug stuck. Tried to work plug free w/no results. Move plug from 16,870' (Design) to 16,880' due to collar. Plug stuck at 16,893' and set plug. Perf stage 11 and while PU off the last set of perf's guns was stuck. Attempt to work guns free w/no result. From 1200 lbs up to 2,600 lb. Open well. SICP 4,000 psi. FB well on 18/64' choke while working WL from 1200 lb. up to 2,700 lb. several time and WL pull free. POOH. All tools recovered. All shots fired. End pressure 4,058 Psi.		
Start Time	11:30	End Time
		15:30
Comment HYD fitting broke off FMC HCR valve. Wait on replacement part or accumulator. Grease lower & upper 10K 7-1/16" manual frac valves. 14:30 Western Well Services on location w/FMC replacement accumulator. Unload and spotting in accumulator. 14:15 Halliburton pressure test HCR valve to 500 psi for 5 min. Test good. BO pressure. Test same to 9,500 psi for 10 min. Test good. BO pressure to 4,000 psi.		
Start Time	15:30	End Time
		17:00
Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I' Stage #11 as follows: max rate 46 bpm. Avg rate 45 bpm, max press 7,705 psi, and Avg press 5,990. Fracked with 1,904 bbl of 25# Delta 200 / Slick Water. 112,700 lbs of 0.5-6 PPG 30/50 sand Avg HHP: 6,548. ISIP 5,050 psi. 1 min ISDP 4,960 psi. 4 min ISDP 4,480 psi. 10 min ISDP 3,920 psi. 1,904bbls TLWTR. Cost \$67,605.11		
Start Time	17:00	End Time
		19:45
Comment JSA and safety meeting. Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH. Pump down rate 15.5 bpm at 5,145 psi. W/565 bbl to pump plug. Set plug at 16,673'. Perforate stage #12 at 16,635'-636.5', 16,566'-567.5' & 16,427'-428.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. Max LS 190 ft/min. Max LT 965. POOH. All tools recovered. All shots fired. End pressure 3,950 Psi.		
Start Time	19:45	End Time
		21:00
Comment JSA and safety meeting. Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I' Stage #12 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 5728 psi, and Avg press 5,136 psi. Fracked with 1,424 bbl of 25# Delta 200 / Slick Water. 112,700 lbs of 0.5-6 PPG 30/50 sand Avg HHP: 5690. ISIP 4537 psi. 1 min ISDP 4,465 psi. 4 min ISDP 4,301 psi. 10 min ISDP 4079 psi. 1,994bbls TLWTR. Cost \$69,974.40		
Start Time	21:00	End Time
		00:00
Comment JSA and safety meeting. Pressure test lubricator to 10,000 psi for 5 minutes, OK. RIH. Pump down rate 17 bpm at 4912 psi. W/524 bbl to pump plug. Set plug at 16,379'. Perforate stage #13 at 16,365'-366.5', 16,270'-271.5' & 16,100'-101.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. Max LS 255ft/min. Max LT 1015. POOH. All tools recovered. All shots fired. End pressure 3823 Psi.		



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
10/1/2013	10/2/2013	Frac Stge # 13, Perf & Frac Stages
Start Time	00:00	End Time 01:15
Comment JSA and safety meeting. Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2'and 'I Stage #13 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 7656 psi, and Avg press 6087 psi. Fracked with 1,443 bbl of 25# Delta 200 / Slick Water. 115,200 lbs of 0.5-6 PPG 30/50 sand Avg HHP: 6639. ISIP 4655 psi. 1 min ISDP 4,541 psi. 4 min ISDP 4,194 psi. 10 min ISDP 0 psi. 1,994bbls TLWTR. Cost \$70,200.29		
Start Time	01:15	End Time 03:15
Comment JSA and safety meeting. Pressure test lubricator to 10,000 psi for 5 minutes, OK. RIH. Pump down rate 17 bpm at 4939 psi. W/477 bbl to pump plug. Set plug at 16,056'. Perforate stage #14 at 16,010'-011.5', 15,985'-986.5' & 15,890'-891.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. Max LS 219ft/min. Max LT 997. POOH. All tools recovered. All shots fired. End pressure 3824 Psi.		
Start Time	03:15	End Time 06:15
Comment JSA and safety meeting. Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2'and 'I Stage #14 as follows: max rate 47 bpm. Avg rate 46 bpm, max press 7074 psi, and Avg press 5842 psi. Fracked with 1,369 bbl of 25# Delta 200 / Slick Water. 115,101 lbs of 0.5-6 PPG 30/50 sand Avg HHP: 6529. ISIP 4639 psi. 1 min ISDP 4,491 psi. 4 min ISDP 4,282 psi. 10 min ISDP 4089 psi. 1,850bbls TLWTR. Cost \$70,880.16		
Start Time	06:15	End Time 08:30
Comment JSA and safety meeting. Pressure test lubricator to 10,000 psi for 5 minutes, OK. RIH. Pump down rate 15 bpm at 4,685 psi. w/616 bbl to pump plug. Set plug at 15,843'. Perforate stage #15 at 15,780'-781.5', 15,762'-763.5' & 15,705'-706.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. Max LS 159ft/min. Max LT 962. POOH. All tools recovered. All shots fired. End pressure 4,023 Psi.		
Start Time	08:30	End Time 10:00
Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2'and 'I Stage #15 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 7,505 psi, and Avg press 5,910. Fracked with 1,961 bbl of 25# Delta 200 / Slick Water. 113,000 lbs of 0.5-6 PPG 30/50 sand Avg HHP: 6,562. ISIP 5,070 psi. 1 min ISDP 4,970 psi. 4 min ISDP 4,740 psi. 10 min ISDP 4,425 psi. 1,961 bbls TLWTR. Cost \$68,357.69		
Start Time	10:00	End Time 12:00
Comment JSA and safety meeting. Pressure test lubricator to 10,000 psi for 5 minutes, OK. RIH. Pump down rate 15.4 bpm at 4,610 psi. w/515 bbl to pump plug. Set plug at 15,638'. Perforate stage #15 at 15,582'-583.5', 15,578'-579.5' & 15,540'-541.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. Max LS 187 ft/min. Max LT 990. POOH. All tools recovered. All shots fired. End pressure 4,067 Psi.		
Start Time	12:00	End Time 13:30
Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2'and 'I Stage #16 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 7,855 psi, and Avg press 6,500. Fracked with 2,052 bbl of 25# Delta 200 / Slick Water. 95,100 lbs of 0.5-6 PPG 30/50 sand Avg HHP: 7,233. ISIP 5,070 psi. 1 min ISDP N/A. 4 min ISDP N/A. 10 min ISDP N/A psi. 2,032 bbls TLWTR. Cost \$57,974.75		
Start Time	13:30	End Time 15:00
Comment After screen out, flowed back well for initial opening pressure of 6000 psi, #16 choke @ 3500psi/4.0bpm, went to #26 choke @ 2200psi/7.0bpm. 2100psi/7.0bpm @ 210bbls away, 350bbls away sample showed heavy mud and/or cement. Flowed total of 535bbls with 2600 psi end pressure on #26 choke and no sand for all samples but clear fluid for end volume.		

RECEIVED: NOV. 14, 2013



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	15:00	End Time 16:00 Comment Flush wellbore with 685 bbls of freshwater with friction reducer. Achieved max rate of 28 bpm @ 7200 psi. Worked rate up gradually from 9.5 bpm and seen drop throughout. Shut down pressure of 4200 psi. RU JW Wireline for stage #17.
Start Time	16:00	End Time 20:00 Comment 16:15-19:50 JSA and safety meeting. Pressure test lubricator to 10,000 psi for 5 minutes, OK. RIH. Pump down rate 15 bpm at 7900 psi. w/358 bbl of Fresh Water to pump plug. Set plug at 15,513'. Perforate stage #17 at 15,460'-461.5', 15,382'-383.5' & 15,306'-307.5'. 2' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 2' guns for 27 holes total. Max LS 130 ft/min. Max LT 980. POOH. All tools recovered. All shots fired. End pressure 4,055 Psi.
Start Time	20:00	End Time 21:00 Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I' Stage #17 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 7,855 psi, and Avg press 6,500. Fracked with 2,052 bbl of 25# Delta 200 / Slick Water. 95,100 lbs of 0.5-6 PPG 30/50 sand Avg HHP: 7,233. ISIP 5,070 psi. 1 min ISDP N/A. 4 min ISDP N/A. 10 min ISDP N/A psi. 2,032 bbls TLWTR. Cost \$57,974.75
Start Time	21:00	End Time 00:00 Comment JSA and safety meeting. Pressure test lubricator to 10,000 psi for 5 minutes, OK. RIH. Pump down rate 15.3 bpm at 4857 psi. w/450 bbl of Fresh Water to pump plug. Set plug at 15,270'. Perforate stage #18 at 15,252'-253.5', 15,205'-206.5' & 15,132'-133.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max LS 193 ft/min. Max LT 986 lbs. POOH @ 200 fpm as per program. All tools recovered. All shots fired. End pressure 4,157 Psi.
Report Start Date 10/2/2013	Report End Date 10/3/2013	24hr Activity Summary Frac stage 18. Plug/Perf and frac stages 19 to 23.
Start Time	00:00	End Time 01:00 Comment Stage 18 plug and perf continued
Start Time	01:00	End Time 02:00 Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I' Stage #18 as follows: max rate 46 bpm. Avg rate 45 bpm, max press 7,783 psi, and Avg press 5,719 psi. Fracked with 1354 bbl of 25# Delta 200 / Slick Water. 113,120 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,308. 1 min ISDP 4,944 psi. 4 min ISDP 4,745 psi. 10 min ISDP 4,460 psi psi. 2,279 bbls TLWTR. Cost \$69,436.05
Start Time	02:00	End Time 05:00 Comment JSA and safety meeting. Pressure test lubricator to 10,000 psi for 5 minutes, OK. RIH. Pump down rate 15.0 bpm at 4799 psi. w/420 bbl of Fresh Water to pump plug. Set plug at 15,075'. Perforate stage #19 at 15,070'-071.5', 15,005'-006.5' & 14,975'-976.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max LS 195 ft/min. Max LT 1008 lbs. POOH @ 200 fpm as per program. All tools recovered. All shots fired. End pressure 4,121 Psi.
Start Time	05:00	End Time 06:30 Comment JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I' Stage #19 as follows: max rate 45 bpm. Avg rate 45 bpm, max press 7,955 psi, and Avg press 6,026 psi. Fracked with 2,151 bbl of 25# Delta 200 / Slick Water. 113,600 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,602. 1 min ISDP 5,740 psi. 4 min ISDP 5,530 psi. 10 min ISDP N/A. 1,819 bbls TLWTR. Fresh water used on 420bbls pump down and 2,151bbls for treatment. Cost \$68,747.85
Start Time	06:30	End Time 08:30 Comment JSA and safety meeting. Pressure test lubricator to 9,600 psi for 5 minutes, OK. RIH. Pump down rate 15.0 bpm at 5213 psi. w/420 bbl of Fresh Water to pump plug. Set plug at 14,931'. Perforate stage #20 at 14,900'-901.5', 14,800'-801.5' & 14,728'-729.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max LS 165 ft/min. Max LT 974 lbs. POOH @ 200 fpm as per program. All tools recovered. All shots fired. End pressure 4,300 Psi.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	08:30	End Time	11:00	Comment
				JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I' Stage #20 as follows: max rate 46 bpm. Avg rate 45 bpm, max press 7,910 psi, and Avg press 6,105 psi. Fracked with 2,259 bbl of 25# Delta 200 / Slick Water. 112,700 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,778. 1 min ISDP 5,120 psi. 4 min ISDP 4,910 psi. 10 min ISDP 4,660. 1,926 bbls TLWTR. Fresh water used on 338 bbls pump down and 2,259 bbls for treatment. Cost \$69,050.33
Start Time	11:00	End Time	12:30	Comment
				JSA and safety meeting. Pressure test lubricator to 9,600 psi for 5 minutes, OK. RIH. Pump down rate 14.4 bpm at 4974 psi. w/ 420 bbl of Fresh Water to pump plug. Set plug at 14,667'. Perforate stage #21 at 14,640'-641.5', 14,578'-579.5' & 14,510'-511.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max LS 196 ft/min. Max LT 994 lbs. POOH @ 200 fpm as per program. All tools recovered. All shots fired. End pressure 4,382 Psi.
Start Time	12:30	End Time	14:30	Comment
				JSA and safety meeting. Test lines to 9,600 psi, OK. Frac Basal Carbonate 'C-PZ2' and 'I' Stage #21 as follows: max rate 46 bpm. Avg rate 45 bpm, max press 8,455 psi, and Avg press 6,360 psi. Pumped with 2,062 bbl of 25# Delta 200 / Slick Water. 112,700 lbs of 1-6 PPG 30/50 sand Avg HHP: 7,046. 1 min ISDP 6,700 psi. 4 min ISDP 6,215 psi. 10 min ISDP 5,460. Fresh water 1,731 bbls TLWTR. Fresh water used on 386 bbls pump down and 2,062 bbls for treatment. Cost \$68,482.01
Start Time	14:30	End Time	16:00	Comment
				While RU of wireline the wire jumped sieve and pinched wire, it was caught right away and repaired before RIH.
Start Time	16:00	End Time	18:00	Comment
				JSA and safety meeting. Pressure test lubricator to 9,600 psi for 5 minutes, OK. RIH. Pump down rate 15.3 bpm at 5724 psi. w/ 420 bbl of fresh water to pump plug. Set plug at 14,456'. Perforate Stage #22 at 14,429'-430.5', 14,385'-386.5' & 14,308'-309.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max LS 199 ft/min. Max LT 974 lbs. POOH @ 200 fpm as per program. All tools recovered. All shots fired. End pressure 4,433 Psi.
Start Time	18:00	End Time	18:45	Comment
				1800-1845 Pre Tour safety meeting with all personnel on location.
Start Time	18:45	End Time	20:00	Comment
				Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2' Stage #22 as follows: max rate 45 bpm. Avg rate 45 bpm, max press 7,523 psi, and Avg press 5,938 psi. Pumped with 1,353 bbl of 25# Delta 200 / Slick Water. 113,500 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,506. 1 min ISDP 5,097 psi. 4 min ISDP 4,920 psi. 10 min ISDP 4,710. 467 bbls Fresh water used on pump down and 2,161 bbls for treatment. Cost \$70,016.58 Stage was fully placed and went well.
Start Time	20:00	End Time	22:30	Comment
				Pressure test lubricator to 9,600 psi for 5 minutes, OK. RIH. Pump down rate 15 bpm at 4869 psi. w/ 427 bbl of fresh water to pump plug. Set plug at 14,279'. Perforate Stage #23 as per program at 14,232'-233.5', 14,133'-134.5' & 14,075'-076.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 250 fpm as per program, 154 fpm in lateral. Max LT 974 lbs. POOH @ 200 fpm through entire well bore as per program. All tools recovered. All shots fired. End pressure 4,167 Psi.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time 22:30	End Time 00:00	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Stage #23 as follows: max rate 46 bpm. Avg rate 45 bpm, max press 7,624 psi, and Avg press 6,194 psi. Pumped with 1309 bbl of 25# Delta 200 / Slick Water. 113,200 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,832. 1 min ISDP 4,699 psi. 4 min ISDP 4,534 psi. 10 min ISDP 4,409. 428 bbls Fresh water used on pump down and 2,071 bbls for treatment. Cost \$68,848.31 Stage was fully placed and went well.
Report Start Date 10/3/2013	Report End Date 10/4/2013	24hr Activity Summary P&P/Frac Stages 24,25,26,27,28
Start Time 00:00	End Time 02:30	Comment Pressure test lubricator to 9,600 psi for 5 minutes, OK. RIH. Pump down rate up to 17 bpm at 5024 psi. w/ 431 bbl of fresh water to pump plug. Set plug at 14,050'. Perforate Stage #24 as per program at 14,020'-021.5', 13,950'-951.5' & 13,870'-871.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 fpm as per Orson, 200 fpm in lateral. Max LT 1008 lbs. POOH @ 200 fpm through lateral and 300 fpm through vertical as per Orson.
Start Time 02:30	End Time 03:30	Comment Globals set at 9,000psi Test lines to 9,400 psi, OK. Frac Basal Carbonate 'C-PZ2 Stage #24 as follows: max rate 46 bpm. Avg rate 46 bpm, max press 7,394 psi, and Avg press 6,089 psi. Pumped with 1314 bbl of 25# Delta 200 / Slick Water. 113,600 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,865. 1 min ISDP 5,365 psi. 4 min ISDP 5,021 psi. 10 min ISDP 4,741. 431 bbls Fresh water used on pump down and 2,074 bbls for treatment. Cost \$70,397.31 Stage was fully placed and went well.
Start Time 03:30	End Time 04:00	Comment Re-head WL.
Start Time 04:00	End Time 07:00	Comment Pressure test lubricator to 9,400 psi for 5 minutes, OK. RIH. Pump down rate up to 16 bpm at 5700 psi. w/ 447 bbl of fresh water to pump plug. Set plug at 13,850'. Perforate Stage #25 as per program at 13,825'-826.5', 13,758'-759.5' & 13,712'-713.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 fpm, 200 fpm in lateral. Max LT 1015 lbs. POOH @ 200 fpm through lateral and 300 fpm through vertical. All guns fired and POOH.
Start Time 07:00	End Time 08:00	Comment Globals set at 9,000psi Test lines to 9,400 psi, OK. Frac Basal Carbonate 'C-PZ2 Stage #25 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 7,885 psi, and Avg press 6,330 psi. Pumped with 2,089 bbl of 25# Delta 200 / Slick Water. Proppant 112,600 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,997. 1 min ISDP 5,690 psi, 4 min ISDP 4,710 psi, 10 min ISDP 4,605. Total of 448 bbls fresh water used on pump down and 2,089 bbls for treatment, load to recover is 1,779 bbls. Cost \$69,081.41
Start Time 08:00	End Time 10:00	Comment Pressure test lubricator to 9,600 psi for 5 minutes, OK. RIH. Pump down rate @ 15.4 bpm at 5952 psi. w/ 454 bbl of fresh water to pump plug. Set plug at 13,689'. Perforate Stage #26 as per program at 13,655'-656.5', 13,605'-606.5' & 13,470'-471.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 178 ft/min in lateral. Max LT 991 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	10:00	End Time	11:30	Comment
				Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Stage #26 as follows: max rate 46 bpm. Avg rate 45 bpm, max press 7,670 psi, and Avg press 6,005 psi. Pumped with 2,057 bbl of 25# Delta 200 / Slick Water. Proppant 112,900 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,550. 1 min ISDP 4,915 psi, 4 min ISDP 4,625 psi, 10 min ISDP N/A. Total of 458 bbls fresh water used on pump down and 2,057 bbls for treatment, load to recover is 1,754 bbls. Cost \$69,039.78
Start Time	11:30	End Time	13:30	Comment
				Pressure test lubricator to 9,600 psi for 5 minutes, OK. RIH. Pump down rate @ 15.3 bpm at 5135 psi. w/ 386 bbl of fresh water to pump plug. Set plug at 13,442'. Perforate Stage #27 as per program at 13,408'-409.5', 13,360'-361.5' & 13,294'-295.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 175 ft/min in lateral. Max LT 990 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time	13:30	End Time	15:00	Comment
				Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Stage #27 as follows: max rate 46 bpm. Avg rate 45 bpm, max press 7,880 psi, and Avg press 6,290 psi. Pumped with 1,984 bbl of 25# Delta 200 / Slick Water. Proppant 112,700 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,860. 1 min ISDP N/A, 4 min ISDP N/A, 10 min ISDP N/A. Total of 389 bbls fresh water used on pump down and 1,984 bbls for treatment, load to recover is 1,683 bbls. Cost \$68,516.97
Start Time	15:00	End Time	18:00	Comment
				Suspend operations due to excessive wind on location for crane activity.
Start Time	18:00	End Time	18:30	Comment
				Pre Tour Safety Meeting
Start Time	18:30	End Time	20:00	Comment
				Pressure test lubricator to 9,000 psi for 5 minutes, OK. RIH. Pump down rate @ 16 bpm at 5753 psi. w/ 344 bbl of fresh water to pump plug. Set plug at 13,233'. Perforate Stage #28 as per program at 13,199'-200.5', 13,068'-069.5' & 13,002'-003.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 221 ft/min in lateral. Max LT 987 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time	20:00	End Time	21:09	Comment
				Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #28 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 7,457 psi, and Avg press 5981 psi. Pumped with 1,270 bbl of 25# Delta 200 / Slick Water. Proppant 113,200 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,597. 1 min ISDP 4761 psi, 4 min ISDP 4517 psi, 10 min ISDP 4321 psi. Total of 344 bbls Produced water used on pump down and 1619 bbls for treatment, load to recover is 2027 bbls. Cost \$69,181.86
Start Time	21:09	End Time	00:00	Comment
				Pressure test lubricator to 9,300 psi for 5 minutes, OK. RIH. Pump down rate @ 15 bpm at 4593 psi. w/ 330 bbl of Produced water to pump plug. Set plug at 12932'. Perforate Stage #29 as per program at 12,868'-829.5', 12,814'-815.5' & 12,770'-771.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 175 ft/min in lateral. Max LT 976 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Report Start Date	10/4/2013	Report End Date	10/5/2013	24hr Activity Summary
				Frac # 29, 30, 31, 32, 33, 34 & P&P # 35

RECEIVED: NOV. 14, 2013



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	00:00	End Time	01:30	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #29 as follows: max rate 47 bpm. Avg rate 46 bpm, max press 7,259 psi, and Avg press 5990 psi. Pumped with 1,289 bbl of 25# Delta 200 / Slick Water. Proppant 113,300 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,753. 1 min ISDP 4643 psi, 4 min ISDP 4456 psi, 10 min ISDP 4288 psi. Total of 299 bbls Produced water used on pump down and 1588 bbls for treatment, load to recover is 1887 bbls. Cost \$68,896.04
Start Time	01:30	End Time	03:30	Comment Pressure test lubricator to 9,300 psi for 5 minutes, OK. RIH. Pump down rate @ 15 bpm at 4520 psi. w/ 293 bbl of Produced water to pump plug. Set plug at 12713'. Perforate Stage #30 as per program at 12,690'-691.5', 12,600'-601.5' & 12,500'-501.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 184 ft/min in lateral. Max LT 1018 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time	03:30	End Time	04:30	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #30 as follows: max rate 48 bpm. Avg rate 45 bpm, max press 6,910 psi, and Avg press 5,866 psi. Pumped with 1,850 bbl of 25# Delta 200 / Slick Water. Proppant 113,500 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,470. 1 min ISDP 4,668 psi, 4 min ISDP 4,436 psi, 10 min ISDP 4,347 psi. Total of 299 bbls produced water used on pump down and 1,850 bbls for treatment, load to recover is 1,558 bbls. Cost \$68,584.68
Start Time	04:30	End Time	06:30	Comment Pressure test lubricator to 9,300 psi for 5 minutes, OK. RIH. Pump down rate @ 15.5 bpm at 4762 psi. w/ 211 bbl of produced water to pump plug. Set plug at 12,413'. Perforate Stage #31 as per program at 12,380'-381.5', 12,360'-361.5' & 12,300'-301.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 196 ft/min in lateral. Max LT 985 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time	06:30	End Time	08:00	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #31 as follows: max rate 47 bpm. Avg rate 44 bpm, max press 7,710 psi, and Avg press 6,200 psi. Pumped with 1,754 bbl of 25# Delta 200 / Slick Water. Proppant 113,900 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,732. 1 min ISDP 6,405 psi, 4 min ISDP 6,015 psi, 10 min ISDP 5,605 psi. Total of 214 bbls produced water used on pump down and 1,754 bbls for treatment, load to recover is 1,478 bbls. Cost \$68,909.36
Start Time	08:00	End Time	10:00	Comment Pressure test lubricator to 9,200 psi for 5 minutes, OK. RIH. Pump down rate @ 15.2 bpm at 5895 psi. w/ 303 bbl of produced water to pump plug. Set plug at 12,239'. Perforate Stage #32 as per program at 12,220'-221.5', 12,142'-143.5' & 12,090'-091.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 182 ft/min in lateral. Max LT 984 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time	10:00	End Time	11:00	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #32 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 8,120 psi, and Avg press 6,600 psi. Pumped with 1,748 bbl of 25# Delta 200 / Slick Water. Proppant 79,600 lbs of 1-6 PPG 30/50 sand Avg HHP: 7,328. 1 min ISDP 7,515 psi, 4 min ISDP 6,900 psi, 10 min ISDP 6,530 psi. Total of 303 bbls produced water used on pump down and 1,748 bbls for treatment, load to recover is 1,449 bbls. Cost \$49,851.21



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	11:00	End Time	17:30	<p>Comment</p> <p>RIH for P & P Stage #33. Wireline reached the total depth of vertical with a pressure of 4516 psi. Started to pump down plug @ 3-6 bpm in the 10-30 degree curve and seen pressure build too rapidly reaching 7500 psi before plug setting depth. We then stopped pumps and decided to POOH with wireline BHA for an injection test.</p> <p>14:00-15:00</p> <p>Injection test: Initial opening pressure – 3950 psi. Max pressure – 8210 psi @ 14.2 bpm until 125 bbls away pressure started trending downward, increased rate slowly to 25.5 bpm @ 8034 psi with pressure decreasing. Volume of 175 bbls away decreased to 14.8 bpm with pressure 5900 psi and dropping enough to wireline stage #33. Total Pumped – 221 bbls.</p> <p>15:00-17:00</p> <p>Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15.2 bpm at 6682 psi. w/ 200 bbl of produced water to pump plug. Set plug at 12,067'. Perforate Stage #33 as per program at 12,006'-007.5', 12,002'-003.5' & 11,904'-905.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 174 ft/min in lateral. Max LT 966 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.</p>
Start Time	17:30	End Time	18:30	<p>Comment</p> <p>Global Kick Outs set at 9,000psi</p> <p>Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2</p> <p>Frac Stage #33 as follows: max rate 48 bpm. Avg rate 46 bpm, max press 7,800 psi, and Avg press 6580 psi. Pumped with 1,237 bbl of 25# Delta 200 / Slick Water. Proppant 53,460 lbs (design was 112,500lbs) of 1-6 PPG 30/50 sand Avg HHP: 7403. 1 min ISDP 4,915 psi, 4 min ISDP 4,560 psi, 10 min ISDP 4,325 psi. Total of 207 bbls produced water used on pump down and 1,523 bbls for treatment, load to recover is 1,730 bbls. Cost \$37,633.44</p>
Start Time	18:30	End Time	21:00	<p>Comment</p> <p>Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15 bpm at 6206 psi. w/ 316 bbl of produced water to pump plug. Set plug at 11,854'. Perforate Stage #34 as per program at 11,770'-771.5', 11,700'-701.5' & 11,675'-676.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 196 ft/min in lateral. Max LT 961 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.</p>
Start Time	21:00	End Time	22:00	<p>Comment</p> <p>Globals set at 9,000psi</p> <p>Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2</p> <p>Frac Stage #34 as follows: max rate 47 bpm. Avg rate 45 bpm, max press 7628 psi, and Avg press 6592 psi. Pumped with 2,022 bbl of 25# Delta 200 / Slick Water. Proppant 112,200 lbs of 1-6 PPG 30/50 sand Avg HHP: 7,271. 1 min ISDP 5893 psi, 4 min ISDP 5714 psi, 10 min ISDP 5546 psi. Total of 352 bbls produced water used on pump down and 2298 bbls for treatment, load to recover is 2650 bbls. Cost \$66,542.84</p>
Start Time	22:00	End Time	00:00	<p>Comment</p> <p>Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15 bpm at 5435 psi. w/ XXX bbl of produced water to pump plug. Set plug at 11,649'. Perforate Stage #35 as per program at 11,583'-584.5', 11,545'-546.5' & 11,464'-465.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 153 ft/min in lateral. Max LT 961 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.</p>



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Daily Operations

Report Start Date 10/5/2013	Report End Date 10/6/2013	24hr Activity Summary Frac #35, P&F Stages 36, 37,38,39,40 & 41.. Set 2 kill plugs (1st @ 9357', 2nd @ 9314') Rig HES Frac Down & Off Location.
Start Time 00:00	End Time 01:00	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #35 as follows: max rate 47 bpm. Avg rate 46 bpm, max press 7347 psi, and Avg press 6285 psi. Pumped with 1,986 bbl of 25# Delta 200 / Slick Water. Proppant 113,100 lbs of 1-6 PPG 30/50 sand Avg HHP: 7,086. 1 min ISDP 5320 psi, 4 min ISDP 5037 psi, 10 min ISDP 4856 psi. Total of 243 bbls produced water used on pump down and 2259 bbls for treatment, load to recover is 2502 bbls. Cost \$66,662.72
Start Time 01:00	End Time 03:30	Comment Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15 bpm at 5042 psi. w/ 224 bbl of produced water to pump plug. Set plug at 11,401'. Perforate Stage #36 as per program at 11,330'-331.5', 11,238'-239.5' & 11,190'-191.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 176 ft/min in lateral. Max LT 990 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time 03:30	End Time 04:30	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #36 as follows: max rate 46 bpm. Avg rate 45 bpm, max press 7012 psi, and Avg press 5815 psi. Pumped with 1,274 bbl of 25# Delta 200 / Slick Water. Proppant 114,700 lbs of 1-6 PPG 30/50 sand Avg HHP: 6414. 1 min ISDP 5285 psi, 4 min ISDP 5064 psi, 10 min ISDP 4688 psi. Total of 214 bbls produced water used on pump down and 1541 bbls for treatment, load to recover is 1755 bbls. Cost \$69,532.62
Start Time 04:30	End Time 06:30	Comment Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15 bpm at 4798 psi. w/ 180 bbl of produced water to pump plug. Set plug at 11,153'. Perforate Stage #37 as per program at 11,106'-107.5', 11,046'-047.5' & 10,991'-992.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 158 ft/min in lateral. Max LT 928 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time 06:30	End Time 07:30	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #37 as follows: max rate 48 bpm. Avg rate 47 bpm, max press 7,920 psi, and Avg press 6,405 psi. Pumped with 1,619 bbl of 25# Delta 200 / Slick Water. Proppant 112,200 lbs of 1-6 PPG 30/50 sand Avg HHP: 7,300. 1 min ISDP 6,070 psi, 4 min ISDP 5,420 psi, 10 min ISDP 5,165 psi. Total of 149 bbls produced water used on pump down and 1,619 bbls for treatment, load to recover is 1,363 bbls. Cost \$67,838.76
Start Time 07:30	End Time 09:30	Comment Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15.3 bpm at 6998 psi. w/ 215 bbl of produced water to pump plug. Set plug at 11,153'. Perforate Stage #38 as per program at 10,900'-901.5', 10,818'-819.5' & 10,768'-769.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 110 ft/min in lateral. Max LT 990 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	09:30	End Time	10:30	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #38 as follows: max rate 48 bpm. Avg rate 46 bpm, max press 7,640 psi, and Avg press 6,345 psi. Pumped with 1,656 bbl of 25# Delta 200 / Slick Water. Proppant 100,500 lbs of 1-6 PPG 30/50 sand Avg HHP: 7,216. 1 min ISDP 6,035 psi, 4 min ISDP 5,130 psi, 10 min ISDP 4,830 psi. Total of 216 bbls produced water used on pump down and 1,656 bbls for treatment, load to recover is 1,343 bbls. Cost \$61,139.36
Start Time	10:30	End Time	12:30	Comment Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15.2 bpm at 7,256 psi. w/ 249 bbl of produced water to pump plug. Set plug at 10,731'. Perforate Stage #39 as per program at 10,694'-695.5', 10,671'-672.5' & 10,625'-626.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 60 ft/min in lateral. Max LT 960 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time	12:30	End Time	13:30	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #39 as follows: max rate 46 bpm. Avg rate 46 bpm, max press 6,845 psi, and Avg press 6,170 psi. Pumped with 2,425 bbl of 25# Delta 200 / Slick Water. Proppant 99,980 lbs of 1-6 PPG 30/50 sand Avg HHP: 6,881. 1 min ISDP 6,105 psi, 4 min ISDP 5,435 psi, 10 min ISDP 4,995 psi. Total of 251 bbls produced water used on pump down and 2,425 bbls for treatment, load to recover is 2,123 bbls. Cost \$58,979.30
Start Time	13:30	End Time	15:30	Comment Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15.2 bpm at 7,256 psi. w/ 183 bbl of fresh water to pump plug. Set plug at 10,562'. Perforate Stage #40 as per program at 10,521'-522.5', 10,486'-487.5' & 10,339'-340.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 62 ft/min in lateral. Max LT 972 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time	15:30	End Time	16:30	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #40 as follows: max rate 51 bpm. Avg rate 50 bpm, max press 7480 psi, and Avg press 6,230 psi. Pumped with 1990 bbl of 25# Delta 200 / Slick Water. Proppant 112,500 lbs of 1-6 PPG 30/50 sand Avg HHP: 7620. 1 min ISDP 5230 psi, 4 min ISDP 4880 psi, 10 min ISDP 4,645 psi. Total of 184 bbls produced water used on pump down and 2,230 bbls for treatment, load to recover is 2414 bbls. Cost \$65,808.02
Start Time	16:30	End Time	18:00	Comment Pressure test lubricator to 9,500 psi for 5 minutes, OK. RIH. Pump down rate @ 15 bpm at 4900 psi. w/ 40 bbl of fresh water to pump plug. Set plug at 10,280'. Perforate Stage #41 as per program at 10,093'-094.5' & 10,084'-085.5'. 1.5' ft, 3-1/8" guns at 6 SPF, 60 degrees phasing, 19 gram Titan EXP-3319-322T (RDX). 3 x 1.5' guns for 27 holes total. Max Line Speed in vertical hole was 300 ft/min and 130 ft/min in lateral. Max LT 998 lbs. POOH @ 200 ft/min through lateral and 300 ft/min through vertical. All guns fired and POOH.
Start Time	18:00	End Time	19:00	Comment Globals set at 9,000psi Test lines to 9,500 psi, OK. Frac Basal Carbonate 'C-PZ2 Frac Stage #41 as follows: max rate 49 bpm. Avg rate 45 bpm, max press 8730 psi, and Avg press 7100 psi. Pumped with 1759 bbl of 25# Delta 200 / Slick Water. Proppant 84,310 lbs of 1-6 PPG 30/50 sand Avg HHP: 7831. 1 min ISDP 7363 psi, 4 min ISDP 7161 psi, 10 min ISDP 6986 psi. Total of 40 bbls produced water used on pump down and 1993 bbls for treatment, load to recover is 2033 bbls. Cost \$50,047.96



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	19:00	End Time
		22:30
Comment		
19:30-20:45		
RIH to set 1st 10K HES CBP/Kill Plug @ 9357'.		
20:55-22:00		
RIH to set 2nd 10K HES CPB/Kill Plug @ 9314'.		
Start Time	22:30	End Time
		00:00
Comment		
Rigging down WL. HES Frac rigging down and moving equipment over to the Patterson Well.		
Report Start Date	Report End Date	24hr Activity Summary
10/6/2013	10/7/2013	Nipple down Frac Stack and Nipple Up BOP stack and Test Per NFX Policy. Rigging up Mountain States Rig, CSI Inspecting pipe.
Start Time	00:00	End Time
		03:00
Comment		
HES are still moving Frac equipment off of pad over to the Patterson Pad.		
B&G, B&C Testers & Weatherford are still nipping down Frac Stack & nipping up BOP stack. Jessen Electric is hooking up Generator to BOP accumulator.		
Start Time	03:00	End Time
		05:30
Comment		
03:00-05:30		
BOP stack is torqued up. Start Hyd Test per NFX testing policy. Rockwater is moving water around on location. HES has moved all Frac Equipment off of Pad.		
Start Time	05:30	End Time
		09:30
Comment		
Finish pressure testing BOP stack.		
Start Time	09:30	End Time
		10:30
Comment		
Waiting on CSI to clean and drift tbng. Mountain States work over rig is on location.		
Start Time	10:30	End Time
		14:30
Comment		
Wait on rig up truck to load out T seal and haul to location.		
Start Time	14:30	End Time
		16:30
Comment		
Rig up Pulling unit and Begin clean and drift of 2-3/8" PH-6 5.95# tbng.		
Start Time	16:30	End Time
		18:30
Comment		
Ground pump and pit and slobber tank. Continue to clean and drift tbng.		
Start Time	18:30	End Time
		20:30
Comment		
Making up Weatherford BHA. Once BHA was made up we noticed it was bent and threads looked swollen. We pulled BHA apart and had Weatherford order another BHA. After further inspection we found that the (2 3/8" PAC) Box end of the Double Flapper was swollen & the (2 3/8" PAC Pin end of the X-over from 2 3/8" PH6 was bent as well. This caused the entire BHA to be bent at least 1" to 2" over.		
Start Time	20:30	End Time
		23:30
Comment		
Waiting on Weatherford to bring new BHA.		
Start Time	23:30	End Time
		00:00
Comment		
INSpecting Weatherfords BHA before we make it up on Drill Out String.		
Report Start Date	Report End Date	24hr Activity Summary
10/7/2013	10/8/2013	RIH with 2 3/8th PH6 workstring, drillout 2 kill plugs and 11 frac plugs.
Start Time	00:00	End Time
		00:30
Comment		
00:00-00:30		
Start RIH with 2 3/8" P110 PH6 & BHA as follows (4.625" x 1.70' Concave Mill & Bit Sub, 2.875" x 2.15' Double Flapper & X-over 2 3/8" PAC x 2 3/8") above the BHA we have 1jt		
2 3/8" P110 x 31.16' & 2 3/8" P110 x .74' P110 RN Nipple. We will set a R Nipple in string in the Vertical @ 9400' +/-.		

RECEIVED: NOV. 14, 2013



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	00:30	End Time	04:30	Comment
				00:30-01:30 RIH.... Stop at joint 106 @ 3310.05' to fill tubing pumped 12bbls. Tally next row of pipe. Continue RIH
				01:30-04:30 RIH.... Stop at joint 213 @ 6628.50' to fill tubing pumped 12bbls. Tally next row of pipe.
Start Time	04:30	End Time	06:30	Comment
				Finished tripping in well. Tagged up @ 9337 on jt#300 5ft out. top kill plug. Laid down 1 jt. Currently-Tieing the rig back to single line and rigging up Power Swivel.
Start Time	06:30	End Time	08:00	Comment
				Tie rig back to single line and rig up power swivel.
Start Time	08:00	End Time	09:00	Comment
				Started drilling plug @ 0810am. Up weight-78K down weight-60K, Neutral weight-62K. Weight on bit 6-8K. 120 RPM. Free torque-1000. Drilling torque 2000. took 12 min to drill plug. Pumped 30 bbls of fluid to drill plug. Pumping 2 bbls per min @ 2000 psi. Flowback was holding 1000 psi of back pressure on 18 choke and returning 1.75 bbls per min. Pump 2 galpolymer sweep and circulated cuttings up the hole with 80 bbls of fluid. 0850 am Make connection to drill second kill plug. Tagged on jt 302 10ft in to be @ 9360.36. Wireline showed plug to be @ 9357.
Start Time	09:00	End Time	10:00	Comment
				Started drilling plug @ 0900am. Up weight-78K down weight-60K, Neutral weight-62K. Weight on bit 6-8K. 120 RPM. Free torque-1000. Drilling torque 2000. took 31 min to drill plug. Pumped 62 bbls of fluid to drill plug. Pumping 2 bbls per min @ 4600 psi. Flowback was holding 3000 psi of back pressure on 22 choke and returning 2.5 bbls per min. Pump 2 galpolymer sweep and circulated cuttings up the hole with 80 bbls of fluid.
Start Time	10:00	End Time	11:30	Comment
				Begin picking up singles with power swivel to run in and tag the first frac plug @10,280 WLM. Tagged up on jt-332 to be @ 10,295. 1140am- Begin drilling on Frac plug above stage 40.. Up weight-60K down weight-36K, Neutral weight-47K. Weight on bit 6-8K. 120 RPM. Free torque-1000. Drilling torque 2200. took 15 min to drill plug. Pumped 60 bbls of fluid to drill plug. Pumping 2 bbls per min @ 4800 psi. Flowing on 22 choke and returning 3.75 bbls per min @ 3500 psi. Pump 2 galpolymer sweep. 1155am-Drilled through frac plug 40.
Start Time	11:30	End Time	12:30	Comment
				Pick up singles and tag on jt 340- 25 ft in to be at 10540. 1245pm-begin drilling frac plug 39. Begin drilling on Frac plug above stage 39.. Up weight-60K down weight-40K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-1000. Drilling torque 2000. took 10 min to drill plug.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time 12:30	End Time 15:00	Comment Pick up singles and tag up on jt 346 25ft out to be at 10,719. 1325pm-Begin drilling on frac plug 38 Begin drilling on Frac plug above stage 38.. Up weight-60K down weight-40K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-1000. Drilling torque 2000. took 22 min to drill plug. Pumping 2 bbls per min @ 4650 psi and returning 3.3 bbls per min on 19 choke @ 3550 psi. Pump 2 gal sweep and 80 bbls to move plug parts back to vertical pipe. 1355pm-Run in well with singles to frac plug 37. Depth-10941WLM 1415pm-Tagged up on jt 353 10 ft in to be at 10942. 1420pm- Begin drilling plug 37. Begin drilling on Frac plug above stage 37.. Up weight-58K down weight-38K, Neutral weight-46K. Weight on bit 6-8K. 120 RPM. Free torque-1000. Drilling torque 2000. took 30 min to drill plug. Pumping 2 bbls per min @ 4950 psi and returning 3.3 bbls per min on 19 choke @ 3500 psi 1450pm-Drilled through plug 37.
Start Time 15:00	End Time 16:00	Comment Circulate 60 bbls with 2gal polymer sweep. 1535pm Begin picking up singles.
Start Time 16:00	End Time 16:30	Comment 1600pm-Tag up on jt 360 6ft out to be @11172. 1605pm-begin drilling plug 36 Up weight-60K down weight-39K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-1300. Drilling torque 2000. took 29 min to drill plug. Pumping 2 bbls per min @ 4950 psi and returning 3.3 bbls per min on 19 choke @ 3500 psi
Start Time 16:30	End Time 17:30	Comment 1700pm-Tag up on jt 368 11,403 on plug 35. 1705pm-begin drilling plug 35 Up weight-60K down weight-40K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-1300. Drilling torque 2100. took 32 min to drill plug. Pumping 2 bbls per min @ 4950 psi and returning 3.3 bbls per min on 19 choke @ 3500 psi 1737pm-drilled through plug 35.
Start Time 17:30	End Time 18:30	Comment Begin picking up singles to tag plug #34. 1800 pm-Tag up on jt 375 11,614 on plug 34. 1805 pm-begin drilling plug 34 Up weight-60K down weight-40K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-1500. Drilling torque 2000. took 33 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 4 bbls per min on 18 choke @ 3400 psi. 1838 pm-drilled through plug 34.
Start Time 18:30	End Time 19:30	Comment Begin picking up singles to tag plug #33. 1938 pm-Tag up on jt382 11,824 on plug 33. 1940pm-begin drilling plug 33 Up weight-60K down weight-46K, Neutral weight-50K. Weight on bit 6-8K. 120 RPM. Free torque-1500. Drilling torque 2200. took 45 min to drill plug. Pumping 2 bbls per min @ 4650 psi and returning 3.5 bbls per min on 20 choke @ 3450 psi. 2025 pm-drilled through plug 33.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	19:30	End Time
		21:00
Comment Begin picking up singles to tag plug #32. 2045 pm-Tag up on jt389 12,060 on plug 32. 2050 pm-begin drilling plug 32 Up weight-60K down weight-42K, Neutral weight-50K. Weight on bit 6-8K. 120 RPM. Free torque-1500. Drilling torque 2200. took 28 min to drill plug. Pumping 2 bbls per min @ 4650 psi and returning 3.5 bbls per min on 18 choke @ 3450 psi. 2118 pm-drilled through plug 32		
Start Time	21:00	End Time
		22:00
Comment Begin picking up singles to tag plug #31. 2138 pm-Tag up on jt394 12,201 on plug 31. 2140 pm-begin drilling plug 31 Up weight-60K down weight-42K, Neutral weight-50K. Weight on bit 6-8K. 120 RPM. Free torque-1500. Drilling torque 2200. took 26 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3400 psi. 2206 pm-drilled through plug 31		
Start Time	22:00	End Time
		23:00
Comment Begin picking up singles to tag plug #30. 2308 pm-Tag up on jt400 12,201 on plug 30. 2311 pm-begin drilling plug 30 Up weight-60K down weight-42K, Neutral weight-50K. Weight on bit 6-8K. 120 RPM. Free torque-1500. Drilling torque 2200. took 29 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3400 psi. 2340 pm-drilled through plug 30		
Start Time	23:00	End Time
		00:00
Comment Continue picking up singles to tag plug #29.		
Report Start Date	Report End Date	24hr Activity Summary
10/8/2013	10/9/2013	We drilled out 20 CFTP
Start Time	00:00	End Time
		01:00
Comment Begin picking up singles to tag plug #29. 0012 pm-Tag up on jt409 12,651 on plug 29. 0015 pm-begin drilling plug 29. Up weight-60K down weight-42K, Neutral weight-50K. Weight on bit 6-8K. 120 RPM. Free torque-1500. Drilling torque 2200. took 29 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3400 psi. 0055 pm-drilled through plug 29. Pumped a 10bbl gel sweep		
Start Time	01:00	End Time
		02:00
Comment Begin picking up singles to tag plug #28. 0127 pm-Tag up on jt417 12,903 on plug 28. 0130 pm-begin drilling plug 28. Up weight-60K down weight-35K, Neutral weight-45K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2300. took 28 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3400 psi. 0158 pm-drilled through plug 28. Pumped a 10bbl gel sweep		
Start Time	02:00	End Time
		03:00
Comment Begin picking up singles to tag plug #27. 0230am-Tag up on jt426 13,202 on plug 27. 0233am-begin drilling plug 27. Up weight-60K down weight-35K, Neutral weight-45K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2300, took 22 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3500 psi. 0255am-drilled through plug 27. Pumped a 10bbl gel sweep.		



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	03:00	End Time	04:30	Comment
				Begin picking up singles to tag plug #26. 0355am-Tag up on jt433 13,408 on plug 26. 0359am-begin drilling plug 26. Up weight-60K down weight-35K, Neutral weight-45K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2300. took 31 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3500 psi. 0430am-drilled through plug 26.
Start Time	04:30	End Time	05:30	Comment
				Begin picking up singles to tag plug #25. 0455am-Tag up on jt441 13,660 on plug 25. 0500am-begin drilling plug 25. Up weight-60K down weight-35K, Neutral weight-45K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2300. took 23 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3500 psi. 0523am-drilled through plug 25.
Start Time	05:30	End Time	06:30	Comment
				Begin picking up singles to tag plug #24. 0549am-Tag up on jt446 13,836 on plug 24. 0500am-begin drilling plug 24. Up weight-60K down weight-40K, Neutral weight-45K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2300. took 27 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3400 psi. 0618am-drilled through plug 24.
Start Time	06:30	End Time	07:30	Comment
				0625ambegin picking up singles. #24. 0640am-Tag up on jt453 14,028 on plug 23. 0640am-begin drilling plug 23. Up weight-62K down weight-40K, Neutral weight-50K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2300. took 35 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3400 psi. 0718am-drilled through plug 23.
Start Time	07:30	End Time	08:30	Comment
				Circulate complete bottoms up 100 bbls. R&R pipe while circulating every 5 min.
Start Time	08:30	End Time	09:00	Comment
				0830am-Begin picking up singles to tag plug 22. 0900am-Tagged up on jt 461 to be @14297 Up weight-62K down weight-42K, Neutral weight-52K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2600. took 35 min to drill plug. Pumping 2 bbls per min @ 4600 psi and returning 3.5 bbls per min on 18 choke @ 3300 psi.
Start Time	09:00	End Time	09:45	Comment
				0945am-Begin picking up singles to tag plug 21. 1000am-Tag up on plug 21@14,442. Up weight-62K down weight-38K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2700. took 35 min to drill plug. Pumping 2 bbls per min @ 4800 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1035am-drilled up plug 21

RECEIVED: NOV. 14, 2013



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	09:45	End Time	10:45	Comment 1050am-Begin picking up singles to tag plug 20. 1105am-Tag up on plug 20@14,660. Up weight-60K down weight-36K, Neutral weight-47K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2500. took 39 min to drill plug. Pumping 2 bbls per min @ 4800 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1144am-drilled up plug 20
Start Time	10:45	End Time	11:45	Comment 1150am-Begin picking up singles to tag plug 19. 1205am-Tag up on plug 19@14950. Up weight-60K down weight-36K, Neutral weight-47K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2500. took 39 min to drill plug. Pumping 2 bbls per min @ 4800 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1235pm-drilled up plug 19
Start Time	11:45	End Time	13:15	Comment 1200am-Begin picking up singles to tag plug 19. 1235am-Tag up on plug 19@14,931. Up weight-62K down weight-36K, Neutral weight-45K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2500. took 45 min to drill plug. Pumping 2 bbls per min @ 4800 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1320pm-drilled up plug 19
Start Time	13:15	End Time	14:45	Comment 1335pm-Begin picking up singles to tag plug 18. 1415pm-Tag up on plug 18@15,100. Up weight-58K down weight-36K, Neutral weight-46K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2800. took 43 min to drill plug. Pumping 2 bbls per min @ 4800 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1458pm-drilled up plug 18
Start Time	14:45	End Time	16:15	Comment 1505pm-Begin picking up singles to tag plug 17. 1523pm-Tag up on plug 17@15,270. Up weight-58K down weight-36K, Neutral weight-46K. Weight on bit 6-8K. 120 RPM. Free torque-2000. Drilling torque 2800. took 35 min to drill plug. Pumping 2 bbls per min @ 4800 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1600pm-drilled up plug 17
Start Time	16:15	End Time	17:15	Comment 1610pm-Begin picking up singles to tag plug 16. 1630pm-Tag up on plug 16@15,513. Up weight-58K down weight-36K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2300. Drilling torque 2800. took 35 min to drill plug. Pumping 2 bbls per min @ 4800 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1705pm-drilled up plug 16
Start Time	17:15	End Time	19:15	Comment 17:20pm-Begin picking up singles to tag plug 15. 17:27pm-Tag up on plug 15@15,596. jt 504 Up weight-58K down weight-36K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2100. Drilling torque 2800. took 51 min to drill plug. Pumping 2 bbls per min @ 4850 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1818pm-drilled up plug 15 pump. pumped a 20bbl gel sweep. Tagged up on plug 14@1918.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time 19:15	End Time 20:15	Comment Begin picking up singles to tag plug #14. 1910pm-Tag up on jt511 15,814 on plug 14. 1918pm-begin drilling plug 14. Up weight-60K down weight-34K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2100. Drilling torque 2700. took 32 min to drill plug. Pumping 2 bbls per min @ 4200 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 1950pm-drilled through plug 14.
Start Time 20:15	End Time 21:15	Comment Begin picking up singles to tag plug #13. 2010pm-Tag up on jt517 16,002 on plug 13. 2018pm-begin drilling plug 13. Up weight-60K down weight-34K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2300. Drilling torque 2700. took 47 min to drill plug. Pumping 1.5 bbls per min @ 4200 psi and returning 3.5 bbls per min on 17 choke @ 3350 psi. 2105pm-drilled through plug 13.
Start Time 21:15	End Time 22:45	Comment Begin picking up singles to tag plug #12. 2137pm-Tag up on jt528 16,352 on plug 12. 2141pm-begin drilling plug 12. Up weight-60K down weight-34K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2500. Drilling torque 2700. took 47 min to drill plug. Pumping 1.5 bbls per min @ 4200 psi and returning 3 bbls per min on 18 choke @ 3200psi. 2245pm-drilled through plug 12.
Start Time 22:45	End Time 00:00	Comment Begin picking up singles to tag plug #11. 2313pm-Tag up on jt528 16,352 on plug 11. 2315pm-begin drilling plug 11. Up weight-60K down weight-34K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2500. Drilling torque 2700. took 73 min to drill plug. Pumping 1.5 bbls per min @ 4400 psi and returning 3 bbls per min on 18 choke @ 3200psi.
Report Start Date 10/9/2013	Report End Date 10/10/2013	24hr Activity Summary Drilled out all but the last three plugs and are currently unable to move the tbg in or out of the hole.
Start Time 00:00	End Time 00:30	Comment Finished drilling out plug #11 @ 0030. Pumped a 10bbl gel sweep
Start Time 00:30	End Time 02:30	Comment Begin picking up singles to tag plug #10. 0100am-Tag up on jt544 16,857 on plug 10. 0106am-begin drilling plug 10. Up weight-60K down weight-34K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2600. Drilling torque 2700. took 78 min to drill plug. Pumping 1.7 bbls per min @ 4600 psi and returning 2.8 bbls per min on 18 choke @ 3200psi. 0224am-drilled through plug 10. Pumped a 5bbl gel sweep
Start Time 02:30	End Time 04:30	Comment Begin picking up singles to tag plug #9. 0250am-Tag up on jt551 17,067 on plug 9. 0254am-begin drilling plug 9. Up weight-60K down weight-36K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2600. Drilling torque 2700. took 84 min to drill plug. Pumping 1.7 bbls per min @ 4600 psi and returning 2.8 bbls per min on 18 choke @ 3200psi. 0418am-drilled through plug 9. Pumped a 5bbl gel sweep

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Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	04:30	End Time
		07:00
Comment Begin picking up singles to tag plug #8 @ 0449am-Tag up on jt 559 17,315' in on plug 8. 0455am-begin drilling plug 8. Up weight-60K down weight-36K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2700. Drilling torque 3000. took 100 min to drill plug. Pumping 1.7 bbls per min @ 4600 psi and returning 2.8 bbls per min on 18 choke @ 3200psi. 0630am-drilled through plug 8. Pumped a 5bbl gel sweep		
Start Time	07:00	End Time
		08:30
Comment Begin picking up singles to tag plug #7 @ 0725am-Tag up on jt 567 17,549' in on plug 7. 0730am-begin drilling plug 7. Up weight-62K down weight-34K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2700. Drilling torque 3100. took 57 min to drill plug. Pumping 1.7 bbls per min @ 4600 psi and returning 2.8 bbls per min on 18 choke @ 3200psi. 0827am-drilled through plug 7. Pumped a 5bbl gel sweep		
Start Time	08:30	End Time
		10:00
Comment Begin picking up singles to tag plug #6 @ 0900am-Tag up on jt 573 17,796' in on plug 6. 0900am-begin drilling plug 6. Up weight-62K down weight-34K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2700. Drilling torque 3100. took 37 min to drill plug. Pumping 1.7 bbls per min @ 4600 psi and returning 2.8 bbls per min on 18 choke @ 3200psi. 0942am-drilled through plug 6. Pumped a 5bbl gel sweep		
Start Time	10:00	End Time
		11:00
Comment Begin picking up singles to tag plug #5 @ 1005am-Tag up on jt 581 18,027' in on plug 5. 1014am-begin drilling plug 5. Up weight-62K down weight-34K, Neutral weight-48K. Weight on bit 6-8K. 120 RPM. Free torque-2700. Drilling torque 3100. took 53 min to drill plug. Pumping 1.7 bbls per min @ 4600 psi and returning 2.8 bbls per min on 18 choke @ 3200psi. 1109am-drilled through plug 5. Pumped a 5bbl gel sweep		
Start Time	11:00	End Time
		13:00
Comment Begin picking up singles to tag plug #4 @ 1135am-Tag up on jt 588 18,230' in on plug 4. 1145am-begin drilling plug 4. Up weight-62K down weight-34K, Neutral weight-47K. Weight on bit 6-8K. 120 RPM. Free torque-2800. Drilling torque 3200. took 48 min to drill plug. Pumping 1.7 bbls per min @ 4600 psi and returning 2.8 bbls per min on 18 choke @ 3200psi. 1233am-drilled through plug 4. Pumped a 5bbl gel sweep and chased with 50 bbls to the heel.		
Start Time	13:00	End Time
		17:00
Comment Begin picking up singles to tag plug #3 @ 1310pm-Tag up on jt 589 18, 264' 4 jts of sand to wash. 1420pm. Washed sand down to 18,356. Maintaining circulation but mill is stck. Cant rotate but can circulate. Pumping 2 bbls per min @ 4800 psi. Returning 3.2 bbls per min @ 3500 psi on 18 choke. Working pipe up to 100,000 pounds and jarring up on tbng swivel. 1640pm-Continue to work stuck pipe. Opened choke to 24. Returning 4.1 bbls per min. Flowback is instructed to pinch choke back if oil or parafin shows up in flowback tank. Begin working pipe from 60,000# to 110,00. Periodically putting right hand torque on the tbng with power swivel.		
Start Time	17:00	End Time
		00:00
Comment Opened the choke up to to get 6bbls a minute back on a 30 choke. Still sending sweeps and working pipe between 125,000# to 50,000#. with 3,000# of torque on the swivel.		
Report Start Date	Report End Date	24hr Activity Summary
10/10/2013	10/11/2013	continue to work the tbg

RECEIVED: NOV. 14, 2013



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	00:00	End Time	05:30	Comment
				Opened the choke up to to get 5bbls a minute back on a 28 choke. Still sending sweeps and working pipe between 140,000# to 50,000#. with 3,000# of torque on the swivel.
Start Time	05:30	End Time	12:00	Comment
				Pull tbng up to 140,000 and lock the break handle. Still circulating 2 bbls per min @ 3000 psi and returning 3 bbls per min on 18 choke. 0630am- Stop pump. Close well in and monitor pressure. Still have 140,000# pulled up on the tbng. 0730am-pressure build after 1 hr of being shut in-3150psi 0830am-Pressure has built up to 3200 psi. No movement on the tbng. 0930am-Pressure is still 3200 psi. No movement on the tbng. 1000am- Work tbng with well shut in down to 58,000# and then back up to 140,000#. No movement. Pressure on well shut in @ 3210 psi. 1130am-Pressure is at 3250 psi. Pipe is pulled up to 140,000#. Still no movement.
Start Time	12:00	End Time	18:00	Comment
				1230pm-Pressure is at 3250 psi. Pipe is pulled up to 140,000#. Still no movement. 1400pm-Open well on 20 choke well pressure is at 2950. Making 3.6 bbls per min Begin working tbng up and down from 62,000# up to 140,000#. 1500pm-Begin rigging up Halliburton pump truck. Rig down power swivel and install pumping equipment on tbng stump. 1600pm-PJSM. Pressure test pump lines to 10,000 psi. 1615pm-Begin pumping on well down the tbng. 2 bbls per min @4600 psi. Returning 3 bbls per min on 19 choke @ 3200 psi. 1630pm- Increase rate to 3.5 bbls per min @ 7500 psi, Returning 4 bbls per min on 20 choke @ 3350 psi.
Start Time	18:00	End Time	19:00	Comment
				18:00pm we are pumping at 3.5 bbls per min @ 7900 psi, Returning 4 bbls per min on 20 choke @ 3050 psi.
Start Time	19:00	End Time	20:00	Comment
				19:00pm we are pumping at 3.3 bbls per min @ 7974 psi, Returning 3.8 bbls per min on 19 choke @ 3100 psi.
Start Time	20:00	End Time	22:00	Comment
				20:00 we are pumping at 3.4 bbls per min @ 7964 psi, Returning 3.5 bbls per min on 18 choke @ 3100 psi. 20:30 Halliburton is going to spot 5 bbls of 28% HCL acid right at the end of the bit and on top of the plug. 21:06 5bbls of 28% HCL acid is spotted at the bit and on top of the plug. Halliburton pumped it at 3.3bpm at 8050psi. Halliburton shut down and we shut in the well. backside only got to 3200psi we sat here for 45 minutes. Then we worked the pipe from 130,000# to 0#. Still no movement.
Start Time	22:00	End Time	00:00	Comment
				22:00 Halliburton RD they're pump and Mountain States RU power swivel again. 23:30 WOR started working the tbng again while pumping with the rig pump we are also working the torque in and out of the tbng.
Start Time	00:00	End Time	02:00	Comment
				22:00 Halliburton RD they're pump and Mountain States RU power swivel again. 23:30 WOR started working the tbng again while pumping with the rig pump we are also working the torque in and out of the tbng.
Report Start Date	Report End Date	24hr Activity Summary		
10/11/2013	10/12/2013	continue to work the tbng		
Start Time	00:00	End Time	02:00	Comment
				00:00 WOR is still pumping and working the tbng up and down between 0# to 130,000#.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	02:00	End Time	04:00	Comment
				02:00 we are pumping at 1.9bpm at 4700psi. with returns of 3bpm at 3100psi on a 17/64 choke. WOR is now pulling up to 140,000# with no torque put in it.
Start Time	04:00	End Time	06:00	Comment
				04:00 we are pumping at 1.9bpm at 4700psi. with returns of 3bpm at 3100psi on a 17/64 choke. WOR is now pulling up to 140,000# with no torque put in it.
Start Time	06:00	End Time	15:30	Comment
				09:00 we are pumping at 1.9bpm at 4700psi. with returns of 3bpm at 3100psi on a 17/64 choke. WOR is now pulling up to 140,000# with no torque put in it 10:00 we are pumping at 1.9bpm at 4700psi. with returns of 3bpm at 3100psi on a 17/64 choke. WOR is now pulling up to 140,000# with no torque put in it 11:00 we are pumping at 1.9bpm at 4700psi. with returns of 3bpm at 3100psi on a 17/64 choke. WOR is now pulling up to 140,000# with no torque put in it 12:00 we are pumping at 1.9bpm at 4700psi. with returns of 3bpm at 3100psi on a 17/64 choke. WOR is now pulling up to 140,000# with no torque put in it 13:00 we are pumping at 1.9bpm at 4700psi. with returns of 3bpm at 3100psi on a 17/64 choke. WOR is now pulling up to 140,000# with no torque put in it Periodically working pipe up and down from 60K to 140K Currently waiting on pipe recovery truck to arrive on location
Start Time	15:30	End Time	18:00	Comment
				1530pm- Halliburton Acid transport on location. PJSM. Pull acid transport over to rig pump. Pump 5 bbls of acid down tbng and 62 bbls of Fluid to chase and leave acid right at the end of the mill. Plan is to pump all fluid and shut well in to let acid work on the composite plug. Well shut in. 1645pm-Finished pumping acid and flush fluid. 1700pm-Work pipe from 62K to 140K. 1730pm
Start Time	18:00	End Time	22:30	Comment
				18:00- Work pipe from 62K to 140K. until the brakes get hot WOR lets the brakes cool down and work the stuck pipe some more while we wait on Weeatherford wireline to show up.
Start Time	22:30	End Time	00:00	Comment
				22:30 Weatherford wireline showed up on location to get RU. WOR also laid down one jt and stood back the swivel then added in a 7.97, 5.71, 5.92 and a 2.0 PH-6 sub.
Report Start Date	Report End Date	24hr Activity Summary		
10/12/2013	10/13/2013	Worked stuck pipe, pumped more acid and RU Weatherford wireline to free point tbng.		
Start Time	00:00	End Time	03:00	Comment
				Finish RU of Weatherford wireline and hold a PJSM with Everybody on location to discuss the wireline operation. While waiting on a PH-6 to 2 7/8th EUE crossover.
Start Time	03:00	End Time	06:00	Comment
				03:00 We will be waiting on a grease unit to come out of Rock Springs so Weatherford wireline can run their grease tubes instead of their pack off.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time 06:00	End Time 18:00	Comment Still waiting on grease trailer to arrive from Rockspring WYO. ETA-0900am 10:37am Wireline grease unit is on location. Have RBS on the way to bring X-overs out to change out 2-3/8" TIW valve. Pro wireline is preparing to rig up and RIH and set R pump through plug in the R nipple @ 8850. We then will bleed of tbng and pump tbng volume to the nipple for 2 barriers while changing out surface pressure control equipment.. We will take out the x-over 2-3/8" PH-6 Pin X 2-3/8" 8 round box. Then take out the 2-3/8" TIW valve because the max pull is 104,000#. We then will install 2-3/8" Ph-6 pin X 2-7/8" IF box X-over. Then install a 2-7/8" Lower Kelly valve with 2-7/8" IF connections BXP. Then a X-over sub from 2-7/8" IF pin back to a 2-7/8" 8 round box. Then rig the wireline lub and grease tubes back on top for free point and cut.. 1100 am- PJSM-Rig up PRO wireline and gauge ring of 1.75 OD. 1120am- Pressure test lubricator to 5000 psi. 1130am- Begin RIH with gauge ring. 1230pm-RIH w/ gauge ring and tagged at 8853 WLM. Pooh with Gauge ring. 1300pm RIH with plug and prepare to set. 1430pm Set plug in R nipple and begin POOH. 1600pm- Out of well with setting tool. 1610pm-rig up Kelly hose and pump tbng volume to make sure plug is holding and clear the check valve. Currently pumping tbng volume. 1650 pm-Break out TIW and install 2-7/8" kelly valve and x-overs
Start Time 18:00	End Time 00:00	Comment 18:15- Rig crew finished up the rig up of the 2-7/8" kelly valve and x-overs. 18:45- Pro line went in and equalized the plug 19:15-Now they are in the hole to pull the pump thru plug in the R-nipple. 20:00- OOH with pump thru tbg plug. 20:30- 18 ft. bail wont fit in the blocks 21:00- call was made to cut tbg. So the elevator had to be changed back ove rto 2 3/8th slip dyes. Put the WOR bails back on the blocks. 22:00- bleed tbg off to rig tank and set the tbg to 130,000# pulled into the tbg. 24:00- Tbg. is set at 130,000#. RU Weatherford wireline to go cut tbg.
Report Start Date 10/13/2013	Report End Date 10/14/2013	24hr Activity Summary Had trouble finding bails the bails that came out to location did not fit in the blocks.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time	00:00	End Time
		08:45
		Comment
		00:00-Continue to RU Weatherford wireline to cut the tbg at 18250 ft.
		00:45- Camaron pressure tested the weatherford lubricator to 4800psi.
		00:50- Pressure tested the lubricator
		01:20- Weatherford is having problems getting the cutter out of the lubricator
		02:20- Weatherford headed in the hole with cutter.
		03:15- Weatherford got down to 7300ft had a short in the tool string POOH to fix the problem.
		0630am- Begin RIH with Wireline torch.
		0730am- Begin Pumping in on Cutting tools.
		Started pumping 1 bbl per min @ 3100 psi. Flowing 3 bbls per min 17 choke @ 3900 psi.
		0815am- Final pumping rate 3.2 bbls per min @ 4900 psi. Returning 4.5 bbls per min on 19 choke @ 3050.
		Wireline was moving tool @ 200 ft per min with 1698 for line tension.
		Pump cutter to 18,270. Stopped pumps and left back side flowing @ 3 bbls per min on 18 choke @ 3050.
		Wireline pulled back to 18247.8.CCL. that put the torch @ 18,252.50 WLM TOF. Cut the tbng.
		Line tension went slack.
		Released the anchors. Line tension was 2350 and the CCL was working good.
		0845am- Begin Pooh with wireline.
Start Time	08:45	End Time
		16:15
		Comment
		Pull out of well with wireline to 300'. High stranded the wire.
		1100-amKick pump in and attempt to pump the wireline out of the grease tubes and rih with wire and work ball out of line.
		1205pm- Sent the derrick man to the board with wire tool to put right hand torque on wireline. Released grease pressure and increased packoff pressure. Installed wire tool and put right hand turn in wire while tapping down on wire. All at once the wire started moving out of the lubricator. Rushed a man to the rig floor. As soon as the tool hit the top of the lubricator we shut the TIVV valve.
		1230pm-Bled the pressure off of the lubricator. Backside has 3100 psi on it shut in.
		Rigged down the lubricator. All tools recovered. Getting ready to cut cable and RDMO Weatherford Wireline.
		1330pm-Rig up PRO Wireline to Rih and set Plug in R nipple.
		1530pm-Rig down Pro wireline.
		1600pm-Pump 40 bbls down tbng to clear checks and pull wet string of fresh water.
Start Time	16:15	End Time
		00:00
		Comment
		16:15-Begin tripping out of well with PH-6 2 3/8th workstring.
		23:45- Pulled to the r-nipple which has the pump thru tbg plug in it. We then put it one joint down so we can land the well.
Report Start Date	Report End Date	24hr Activity Summary
10/14/2013	10/15/2013	Cut the tbg and POOH to one joint above the r-nipple.
Start Time	00:00	End Time
		01:30
		Comment
		00:00- Getting things ready to land the well when FMC gets here. The R-nipple is one joint from surface. Tbg is ready to be landed with 307 joints in the well minus the fish which should be 3.5 joints.
Start Time	01:30	End Time
		04:00
		Comment
		FMC showed up to land the hanger. Held a safety meeting with everybody on location to go over the landing of the tbg.
		01:30- Pumped 30bbls off hot water down the backside to cleanout the bowl so we can land the hanger. We also cleaned out all the flowback equipment .
Start Time	04:00	End Time
		06:00
		Comment
		02:48- Started to land the hanger.
		03:15-We are currently trying land the hanger first attempt unsuccessful. Measurement must have been wrong because the hanger pin wouldn't go all the way in to its measurement. Now the annular will not open all the way. Called weatherford rental they are sending someone out to look at it and hopefully fix it.
		05:15- Landed the well ran in the pins in it measured good.



Well Name: Ute Tribal 4-1-12-3-4WH

Summary Rig Activity

API Well Number: 43013516420000

Start Time 06:00	End Time 15:00	Comment Landed the tbng. Rigging out Rockwater. Pulling unit is rigged down. Runners is here to load out work string and production tbng. B&G crane and Knight are here to nipple down bop stack FMC is here to install tree and test Found out the wrong tbng hanger was landed in the well. Rigged Mountain states rig back up. Current Operations- Changing out annular BOP. Would not function properly. 1100am-Annular BOP is changed out 1150am-Tested Annular BOP as per NFX/AOI testing procedure. 1200pm-Equalized stack to 3250 psi. Unlock FMC pins. Strip tbng hanger out of stack. 1330pm-Break out x-over subs in old hanger. Make up subs in new hanger. 1430pm- Pump 35 bbls of hot water for bowl wash. 1500pm-Land tbng hanger and lock the wellhead pins in.
Start Time 15:00	End Time 00:00	Comment Tbng landing details-KB-(25'.00), Tbng hanger-(1.50), 1 Jt of 2-3/8" 5.95# PH-6 tbng (30.89), R nipple-(.80), 303 jts of 2-3/8" 5.95# PH-6 tbng-(9393.00), Cut off peice of 2-3/8" 5.95# PH-6 tbng-(4.0). EOT-9455.19 Fish top @ 18,356. Description of fish left hole Cut off joint of 2-3/8" 5.95# PH-6 tbng-(27.00), 1 jt of 2-3/8" 5.95# PH-6 tbng-30.68, RN nipple-(.63), 1 jt of 2-3/8" 5.95# PH-6 tbng-(30.75), Dual flapper valves-(2.27), 4-5/8" od concave mill-(1.76). Total fish left in well (93.09). 1700pm- Begin nipping down BOP stack. 18:00-NU production tree, test the void to 10,000 for 10 minutes and shell test the tree to 250 for 5 minutes and 10,000 for 10 minutes. 19:30- Held a PJSM with everybody on location about pulling the TWC out of the TBG hanger and Slickline pulling the pump thru plug pout of the R-nipple. Then we will RD the WOR. 20:00- Pulled the TWC out of the hanger. 20:30- RU Prowireline to pull pump thru plug in the R-nipple. 21:30-Prowireline is in the process of RD along with Mountain States Rig. 22:00- Production gentlemen started to RU the flowback iron to the production tree. 22:30-Energy Operated open the we up on a 6/64 choke 3150psi 23:00- Mountain States Rig left location headed to another location.
Report Start Date 10/15/2013	Report End Date 10/15/2013	24hr Activity Summary Landed the tbng hanger and everybody on location is RD and gone handed the well over to Production
Start Time 00:00	End Time 06:00	Comment 00:00- Well has been turned over to Energy operators for Production of the well.
Start Time 06:00	End Time 14:00	Comment Well on Production. Flowback tanks will be cleaned and released today. Swab tank is empty and has been released. Fresh water will be hauled out of Nabors tanks today and released. Select rental will be on location to pick up light towers, office trailer, manlift, and forklift. Hammer is on the way to move pipe racks off location.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: UTE TRIBAL 4-1-12-3-4WH	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013516420000	
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext	9. FIELD and POOL or WILDCAT: ALTAMONT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0089 FNL 0487 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 01 Township: 03.0S Range: 04.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: FIRMUS Construction Material
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/20/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This subsequent sundry is being submitted to report oil base drill cuttings which were pre-stabilized on the wells (listed below after drilling was completed and a total of 1,820 Loose Cubic Yards (LCY) of pre-stabilized construction material (FIRMUS), from those wells, was placed at the Ute Tribal 4-1-12-3-4WH location to form the drill pad surface. Attached is the FIRMUS Post Job Report for your review and records. Pre-stabilized Construction Sources (Well oil base drill cuttings)- 1. Ute Tribal 7-12-3-4WH (API #4301351542000): 1,020 LCY; 2. Ute Tribal 2-5-3-3WH (API #43013515160000): 800 LCY.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 08, 2014

NAME (PLEASE PRINT) Matt Barber	PHONE NUMBER 303 382-4493	TITLE Senior Regulatory Specialist
SIGNATURE N/A		DATE 4/2/2014

FIRMUS® POST JOB REPORT

WELL NAME: Ute Tribal #4-1-12-3-4WH

AFE #: 27715D

REPORT DATE: 2-17-14

START DATE: 5-10-13

COMPLETION DATE: 5-20-13

SCOTT QUOTE #: F2635-UT

COUNTY: Duchesne

LATITUDE: 40° 15' 24" North

LONGITUDE: 110° 17' 32.7" West

JOB SUMMARY:

Oil base drill cuttings were Pre-stabilized on the following wells after drilling was completed:

<u>Well Name</u>	<u>AFE #</u>	<u>Pre-stabilization Date</u>	<u>Volume</u>
Ute Tribal #7-12-3-4WH	24492D	4/19/2013	1,020 LCY
Ute Tribal #2-5-3-3WH	28362D	4/25/2013	800 LCY

A total of 1,820 Loose Cubic Yards (LCY) of Pre-stabilized construction material was placed in a 400' x 215' x 1' section to form the drill pad at the Ute Tribal #4-1-12-3-4WH location.

Analytical testing was performed on the cuttings from the generating locations and confirmatory sampling and testing was performed for the receiving site. Confirmatory samples are taken on every 1,000 Compacted Cubic Yards (CCY) of Pre-stabilized cuttings. Four grab samples are taken from each 1,000 CCY and composited for testing. All confirmatory Leachate and Geotechnical results fall within acceptable levels.

Attachments

Initial Analytical Results

Confirmatory Leachate Results

Confirmatory Geotechnical Results

Other: _____

ANALYTICAL SUMMARY

	Source Locations	
	Ute Tribal #7-12-3-4WH	Ute Tribal #2-5-3-3WH
Cubic Yards	1,020 LCY	800 LCY
Total Solids (%)	63.2	76.6
Benzene (mg/kg)	44.6	0.394
C6-C36 TPH (mg/kg)	551,000	158,000
pH (SU)	9.9	10.5
Chloride (mg/kg)	3,840	9,180
Sulfates (mg/kg)	<300	<300
Metals		
Arsenic (mg/kg)	<3.00	5.79
Cadmium (mg/kg)	<3.00	<2.50
True Total Barium (mg/kg)	273,000	257,000
Chromium (mg/kg)	8.13	9.7
Lead (mg/kg)	176	2.72
Mercury (mg/kg)	0.103	0.119
Selenium (mg/kg)	<3.00	<2.50
Silver (mg/kg)	<3.00	<2.50
Zinc (mg/kg)	93.8	42.6

CONFIRMATORY TESTING SUMMARY

Leachate Summary	
Ute Tribal #4-1-12-3-4WH	
	Sample A
Benzene (mg/L)	<0.00100
C6-C36 TPH (mg/L)	2.84
pH (SU)	11.9
Chloride (mg/L)	321
Metals	
SPLP Arsenic (mg/L)	<0.00500
SPLP Cadmium (mg/L)	<0.00500
SPLP Barium (mg/L)	0.144
SPLP Chromium (mg/L)	0.237
SPLP Lead (mg/L)	<0.00500
SPLP Mercury (mg/L)	<0.00020
SPLP Selenium (mg/L)	<0.00500
SPLP Silver (mg/L)	<0.00500
SPLP Zinc (mg/L)	<0.0100

Geotechnical Summary	
Ute Tribal #4-1-12-3-4WH	
	A
Compressive Strength (psi)	149.0
Hydraulic Conductivity (cm/sec)	3.36E-06



Ute Tribal #4-1-12-3-4WH

GCO Labs, LLC
3505 West Loop 281
Longview, Texas 75604
903 / 291-0137
www.gco-labs.com

Customer: J. Blake Scott
Scott Environmental Services, Inc.
P.O. Box 6215
Longview, Texas 75608
USA

Project: **FC2635-UT**
Cust. Sample: **FIRMUS-A**
Lab ID: 130917P005

Collected: 5/12/2013
Received: 9/17/2013
Report Date: 10/4/2013

Analysis	Results	Units	Method	Date	Time	Tech
Chloride, 7-Day Leach	321	mg/L	LA 29B	9/25/2013	14:08	fgo
pH@25C on 7-Day Leach	11.9	SU	LA 29B	9/25/2013	11:00	fgo
Prep. 7-Day Day Leachate	1,610	g	LA29B*Modified	9/18/2013	11:00	fgo
Total Solids for Dry Wt	81.8	%	SM 2540 G	9/17/2013	15:50	fgo
SPLP Extraction: Non-Volatile	Completed	Result	SW-846 1312	9/20/2013	13:51	fgo
SPLP ZHE Extraction	100% Solid	mL/g	SW-846 1312	9/19/2013	15:10	fgo
Metals Digestion SPLP 3010	50/100	mL/mL	SW-846 3010B	9/24/2013	9:00	fgo
SPLP Arsenic	< 0.00500	mg/L	SW-846 6010B	9/27/2013	15:13	fgo
SPLP Barium	0.144	mg/L	SW-846 6010B	9/27/2013	15:13	fgo
SPLP Cadmium	< 0.00500	mg/L	SW-846 6010B	9/27/2013	15:13	fgo
SPLP Chromium	0.273	mg/L	SW-846 6010B	9/27/2013	15:13	fgo
SPLP Lead	< 0.00500	mg/L	SW-846 6010B	9/27/2013	15:13	fgo
SPLP Selenium	< 0.00500	mg/L	SW-846 6010B	9/27/2013	15:13	fgo
SPLP Silver	< 0.00500	mg/L	SW-846 6010B	9/27/2013	15:13	fgo
SPLP Zinc	< 0.0100	mg/L	SW-846 6010B	9/27/2013	15:13	fgo
Metal Digestion SPLP 7470	50/50	mL/mL	SW-846 7470A	9/25/2013	10:44	fgo
SPLP Mercury	< 0.000200	mg/L	SW-846 7470A	9/27/2013	14:01	fgo
SPLP Benzene	< 0.00100	mg/L	SW-846 8260B	9/21/2013	16:43	fgo
1005 TPH Extraction	3/117	mL/mL	TNRCC TX 1005	9/30/2013	16:49	fgo
C12 - C28 TPH, 7-Day Leach	2.84	mg/L	TNRCC TX 1005	10/1/2013	14:45	fgo
C28 - C36 TPH, 7-Day Leach	< 1.50	mg/L	TNRCC TX 1005	10/1/2013	14:45	fgo
C6 - C12 TPH, 7-Day Leach	< 1.50	mg/L	TNRCC TX 1005	10/1/2013	14:45	fgo
C6 - C36 TPH, 7-Day Leach	2.84	mg/L	TNRCC TX 1005	10/1/2013	14:45	fgo



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Quality Control Data

Analyte	QC Parameter		Result Units	Reference Value	Units
Chloride, 7-Day	Blank	Method Blank	< 1.0 ppm		
	CCV1	Recovery	106 %	True Value	20 ppm
	CCV2	Recovery	95.9 %	True Value	10 ppm
	CCV3	Recovery	99.5 %	True Value	10 ppm
	Dup-A	A Reading	779 ppm		
	Dup-B	B Reading	813 ppm		
	Dup-RPD1	Relative% Difference	4.24 %		
	MS	Recovery	115 %	Spike Amount	8 ppm
C6-C12 TPH, 7-Day	Blank	Method Blank	< 1.5 ppm		
	CCV1	Recovery	101 %	True Value	1000 ppm
	CCV2	Recovery	95.8 %	True Value	1000 ppm
	LCS	Recovery	99 %	Spike Amount	500 ppm
	LCSD	Recovery	86.2 %	Spike Amount	500 ppm
	LCS-RPD	Relative% Difference	13.8 %		
	MS	Recovery	101 %	Spike Amount	500 ppm
	MSD	Recovery	115 %	Spike Amount	500 ppm
	MS-RPD	Relative% Difference	12.6 %		
C12-C28 TPH, 7-Day	Blank	Method Blank	<1.5 ppm		
	CCV1	Recovery	96.8 %	True Value	500 ppm
	CCV2	Recovery	94.5 %	True Value	1000 ppm
	LCS	Recovery	104 %	Spike Amount	500 ppm
	LCSD	Recovery	94.7 %	Spike Amount	500 ppm
	LCS-RPD	Relative% Difference	9.06 %		
	MS	Recovery	85.7 %	Spike Amount	500 ppm
	MSD	Recovery	86.7 %	Spike Amount	500 ppm
	MS-RPD	Relative% Difference	1.18 %		
SPLP Benzene	Blank	Method Blank	< 0.0010 ppm		
	CCV1	Recovery	95.8 %	True Value	0.02 ppm
	LCS	Recovery	115 %	Spike Amount	0.02 ppm
	LCSD	Recovery	110 %	Spike Amount	0.02 ppm
	LCS-RPD	Relative% Difference	4.21 %		
	MS	Recovery	109 %	Spike Amount	0.02 ppm
	MSD	Recovery	108 %	Spike Amount	0.02 ppm
	MS-RPD	Relative% Difference	1.38 %		
pH on 7-Day	Dup-A(pH)	Reading	12.49 SU		
	Dup-B(pH)	Reading	12.48 SU		
	Dup-RPD1	Relative% Difference	0.0801 %		
	pH 10 Buffer(1st)	Reading	10.01 SU	True Value	10.01 SU
	pH 10 Buffer(2nd)	Reading	10.01 SU	True Value	10.01 SU



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Analyte	QC Parameter		Result Units	Reference Value	Units
SPLP Silver	Blank	Method Blank	< 0.0050 ppm		
	CCV1	Recovery	100 %	True Value	2 ppm
	CCV2	Recovery	98.8 %	True Value	2 ppm
	ICV	Recovery	102 %	True Value	1 ppm
	LCS	Recovery	91.6 %	Spike Amount	0.2 ppm
	LCSD	Recovery	93.9 %	Spike Amount	0.2 ppm
	LCS-RPD	Relative% Difference	2.38 %		
	MS	Recovery	81.4 %	Spike Amount	0.2 ppm
	MSD	Recovery	84.3 %	Spike Amount	0.2 ppm
	MS-RPD	Relative% Difference	3.44 %		
SPLP Arsenic	Blank	Method Blank	< 0.0050 ppm		
	CCV1	Recovery	100 %	True Value	10 ppm
	CCV2	Recovery	98.3 %	True Value	10 ppm
	ICV	Recovery	97 %	True Value	5 ppm
	LCS	Recovery	87 %	Spike Amount	1 ppm
	LCSD	Recovery	88.4 %	Spike Amount	1 ppm
	LCS-RPD	Relative% Difference	1.59 %		
	MS	Recovery	76.5 %	Spike Amount	1 ppm
	MSD	Recovery	78.4 %	Spike Amount	1 ppm
	MS-RPD	Relative% Difference	2.36 %		
SPLP Barium	Blank	Method Blank	< 0.12 ppm		
	CCV1	Recovery	100 %	True Value	10 ppm
	CCV2	Recovery	98.3 %	True Value	10 ppm
	ICV	Recovery	95.4 %	True Value	5 ppm
	LCS	Recovery	99.3 %	Spike Amount	1 ppm
	LCSD	Recovery	99.4 %	Spike Amount	1 ppm
	LCS-RPD	Relative% Difference	0.121 %		
	MS	Recovery	54.8 %	Spike Amount	1 ppm
	MSD	Recovery	59 %	Spike Amount	1 ppm
	MS-RPD	Relative% Difference	7.45 %		
SPLP Cadmium	Blank	Method Blank	< 0.0050 ppm		
	CCV1	Recovery	101 %	True Value	5 ppm
	CCV2	Recovery	97.6 %	True Value	5 ppm
	ICV	Recovery	97.1 %	True Value	2.5 ppm
	LCS	Recovery	86 %	Spike Amount	0.5 ppm
	LCSD	Recovery	87.7 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	1.99 %		
	MS	Recovery	69.7 %	Spike Amount	0.5 ppm
	MSD	Recovery	71.8 %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	3.04 %		
SPLP Chromium	Blank	Method Blank	< 0.0050 ppm		
	CCV1	Recovery	100 %	True Value	10 ppm
	CCV2	Recovery	98.7 %	True Value	10 ppm
	ICV	Recovery	97.7 %	True Value	5 ppm
	LCS	Recovery	88.4 %	Spike Amount	1 ppm
	LCSD	Recovery	89.5 %	Spike Amount	1 ppm
	LCS-RPD	Relative% Difference	1.21 %		
	MS	Recovery	70.4 %	Spike Amount	1 ppm
	MSD	Recovery	71.7 %	Spike Amount	1 ppm



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Analyte	QC Parameter	Result	Units	Reference Value	Units
SPLP Mercury	MS-RPD	Relative% Difference	1.86 %		
	Blank	Method Blank	< 0.00020 ppm		
	CCV1	Recovery	105 %	True Value	0.005 ppm
	CCV2	Recovery	103 %	True Value	0.005 ppm
	LCS	Recovery	107 %	Spike Amount	0.01 ppm
	LCSD	Recovery	105 %	Spike Amount	0.01 ppm
	LCS-RPD	Relative% Difference	1.98 %		
	MS	Recovery	109 %	Spike Amount	0.01 ppm
	MSD	Recovery	101 %	Spike Amount	0.01 ppm
	MS-RPD	Relative% Difference	0.0694 %		
SPLP Lead	Blank	Method Blank	< 0.0050 ppm		
	CCV1	Recovery	100 %	True Value	10 ppm
	CCV2	Recovery	98 %	True Value	10 ppm
	ICV	Recovery	97.3 %	True Value	5 ppm
	LCS	Recovery	86.9 %	Spike Amount	1 ppm
	LCSD	Recovery	88.8 %	Spike Amount	1 ppm
	LCS-RPD	Relative% Difference	2.16 %		
	MS	Recovery	69.7 %	Spike Amount	1 ppm
	MSD	Recovery	71.7 %	Spike Amount	1 ppm
	MS-RPD	Relative% Difference	2.85 %		
SPLP Selenium	Blank	Method Blank	< 0.0050 ppm		
	CCV1	Recovery	100 %	True Value	10 ppm
	CCV2	Recovery	97.8 %	True Value	10 ppm
	ICV	Recovery	100 %	True Value	5 ppm
	LCS	Recovery	85.2 %	Spike Amount	1 ppm
	LCSD	Recovery	87.1 %	Spike Amount	1 ppm
	LCS-RPD	Relative% Difference	2.14 %		
	MS	Recovery	73.2 %	Spike Amount	1 ppm
	MSD	Recovery	75.2 %	Spike Amount	1 ppm
	MS-RPD	Relative% Difference	2.66 %		
SPLP Zinc	Blank	Method Blank	< 0.010 ppm		
	CCV1	Recovery	100 %	True Value	10 ppm
	CCV2	Recovery	97.5 %	True Value	10 ppm
	ICV	Recovery	97.5 %	True Value	5 ppm
	LCS	Recovery	86.9 %	Spike Amount	1 ppm
	LCSD	Recovery	88.8 %	Spike Amount	1 ppm
	LCS-RPD	Relative% Difference	2.13 %		
	MS	Recovery	69.2 %	Spike Amount	1 ppm
	MSD	Recovery	71.2 %	Spike Amount	1 ppm
	MS-RPD	Relative% Difference	2.8 %		
Total Solids	Blank%	Method Blank	< 0.10 %		
	Dup-A%	A Reading	92 %		
	Dup-B%	B Reading	91.3 %		
	Dup-RPD1	Relative% Difference	0.724 %		

Approved by


 Greg Oliver, Lab Manager



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Chain of Custody

greg.oliver@gco-labs.com
(903)291-0137
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Report to: J. B. Scott		Project Identification: FC2635-UT	
Company: Scott Environmental Services		Billing Address (if different):	
Address: P.O. Box 6215			
City: Longview	State: Texas	Zip: 75604	Zip: 75604
Sampler Signature:		PO Number:	
Lab Use Only:		Date Time Matrix #Bottles Notes	
Field Identification: 130917P05 Firmus - A		5/14/13 - Solid 1 Mail Tested on	
		Leachate from	
		LA29 B SEET	
		Modified	
		Method for	
		7-Day Leachate	
Date: Time: Relinquished by:	Received by:	Signature:	Address:
5/14/13 1:55 PM	John T. Scott	John T. Scott	3505 W. Loop 281
			Longview, Texas 75604

Laboratory Approved by the Texas Railroad Commission

visit us at www.gco-labs.com

Ute Tribal**#4-1-12-3-4WH**

Home Office - 1717 East Erwin Street

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Area Offices

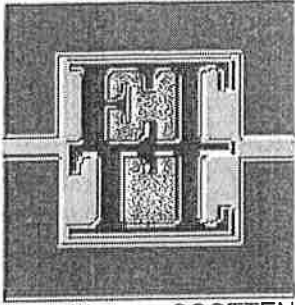
Texarkana, AR 71854

(870) 772-0013

Longview, TX 75604

(903) 758-0402

APR 17 2013

BY: _____210 Beech Street
707 West Cotton St.

Acct ID: SCOTTENV

File ID: C5718-131

Date Sampled: 05/22/2013

Report Date: 06/12/2013

Sampled By: Client

Project: Scott Environmental Services General File 2013, Longview, TX

By Order Of: Blake Scott

Location: Material origin: Onsite, Sample location: F2635-UT

Order Number:

Client: Scott Environmental Services, Longview, TX

Contractor: Scott Environmental Services, Longview, TX

REPORT: Modified Proctor

LAB NO: S-11591

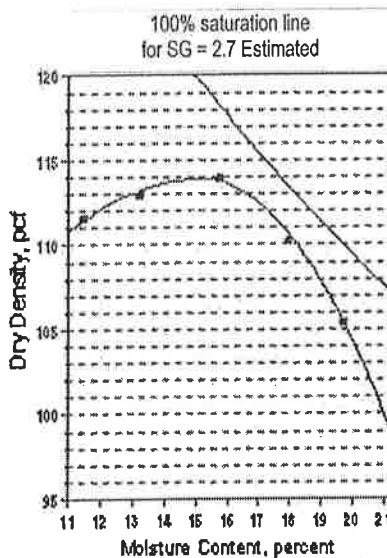
Material: PR OBC & BG Soil

Test Method: See Below

TEST RESULTS

Report No: 1-1612-000143

Page 1 of 1

% MoistureDry Density Lbs./Cu.Ft.

19.8

105.1

11.6

111.6

13.3

112.9

15.8

113.8

18.0

110.2

15.0**Optimum****114.0****Maximum**Color: Light Brown PR OBC &
Description: BG Soil

Standard Method: A

Desc of Rammer: Mechanical

Preparation Method: Moist

Remarks: These tests were performed solely at the request of the Client for his own use. No warranties are expressed or implied regarding the suitability of the site for construction or whether or not the reported data represents all conditions of the site.

Test Method (As Applicable): ASTM D1557, Method-A

Charge: Scott Environmental Services Attn: Blake Scott
Orig: Scott Environmental Services, Longview, TX Attn: Blake Scott

Respectfully Submitted,
ETTL Engineers & Consultants, Inc.

Hermann Walka, P.E.



ETTL Engineers & Consultants Inc.

GEOTECHNICAL * MATERIALS * ENVIRONMENTAL * DRILLING * LANDFILLS

Compressive Strength of Molded Soil-Cement Cylinders, ASTM D 1633 Method A Unconfined Compressive Strength of Compacted Soil-Lime Mixtures, ASTM D 5102 Procedure B

Project Information

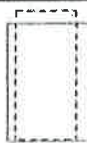
Project: SESI Job # F 2635-UT
Client/Arch./Engr.: Scott Enviromental Services Inc: Longview, Texas
Contractor: Not Given
Job No.: C5718-131

Sample Information

Location/Boring No: SESI Job # F 2635-UT Sample Date: 5/22/2013
Sample No.: 11591 Depth: ft.
Material Origin: On Site
Sampling Info. provided By: Client
Material Description: Light Brown PR OBC & BG Soil
Sampled By: SESI
Technician: T. Sliger Test Date: 6/18/2013

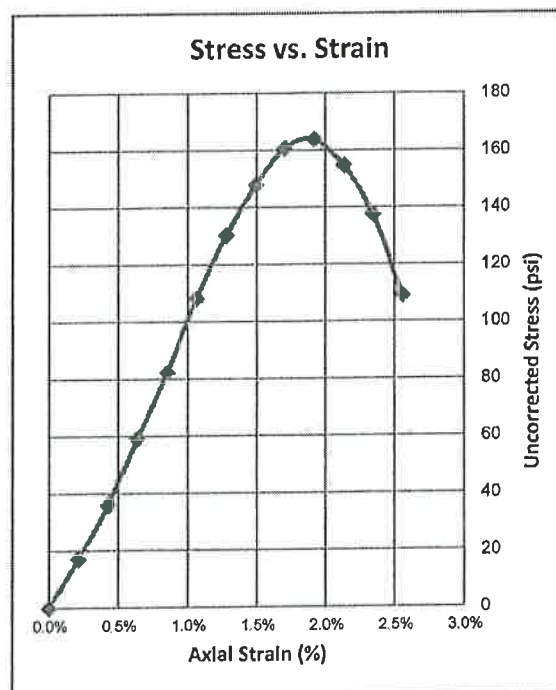
Test Data

		%
		%
		%
		%
Molding Method:	ASTM D 1557	
Optimum Moisture Content:	15.0%	
Maximum Density:	114	pcf
Molded Moisture Content:	15.8%	
Molded Density:	109.0	pcf
Diameter Before Curing:	3.9941	in
Height Before Curing:	4.591	in
H/D Ratio Before Curing:	1.149	
Diameter After Curing:	4.037	in
Height After Curing:	4.699	in
H/D Ratio After Curing:	1.164	
Area After Curing:	12.800	in ²
H/D Correction Factor:	0.909	
Seating Load:	15	lbs.
Compression Load:	2138	lbs.
Total Load:	2153	lbs.
Confining Pressure:	0.0	psi
Maximum Stress:	168.2	psi
Corrected Maximum Stress:	149.0	psi
Peak Strain:	1.9%	
Failure Type:	Cylindrical	



Curing Method:

Sample cured at temperature of 100 deg F for 3 days prior to conducting test.



Respectfully Submitted,

Hermann Walke, P.E.



ETTL Engineers & Consultants Inc.

GEOTECHNICAL * MATERIALS * ENVIRONMENTAL * DRILLING * LANDFILLS

HYDRAULIC CONDUCTIVITY DETERMINATION FLEXIBLE WALL PERMEAMETER - CONSTANT VOLUME (Mercury Permometer Test)

Project : SESI Job # F 2635-UT (PR OBC & BG Soil) Scott Environmental Services, Longview, Texas
 Date: 8/5/2013 Panel Number : 1 ASTM D 5084
 Project No.: C 5718-131 Permometer Data
 Boring No.: F 2591-UT ap = 0.031416 cm2 Set Mercury to Equilibrium 1.7 cm3
 Sample: 11591 aa = 0.767120 cm2 Pipet Rp at beginning Pipet Rp 5.1 cm3
 Depth (ft): M1 = 0.030180 C = 0.000413806 Annulus Ra 1.6 cm3
 Other Location: On Site M2 = 1.040953 T = 0.293108296
 Material Description : Lt. Brown PR OBC & BG Soil moist cure

SAMPLE DATA

Wet Wt. sample + ring or tare :	590.70 g	Before Test	After Test
Tare or ring Wt. :	0.0 g	Tare No.:	C1
Wet Wt. of Sample :	590.70 g	Wet Wt.+tare:	701.10
Diameter :	2.82 in	Dry Wt.+tare:	624.70
Length :	2.75 in	Tare Wt.:	133.70
Area:	6.26 in ²	Dry Wt.:	491
Volume :	17.18 in ³	Water Wt.:	76.4
Unit Wt.(wet):	130.90 pcf	% moist.:	15.6
Unit Wt.(dry):	113.27 pcf		

Assumed Specific Gravity: 2.60 Max Dry Density(pcf) = 114 OMC = 15
 Void ratio (e) = 0.43 % of max Density = 99.4 +/- OMC = 0.56
 % saturation: 100.0%
 Porosity (n) = 0.3

TEST READINGS

Z1(Mercury Height Difference @ t1): 3.6 cm Hydraulic Gradient = 6.42

Date	elapsed t (seconds)	Z (pipet @ t)	$\Delta Z\pi$ (cm)	temp (deg C)	α (temp corr)	k (cm/sec)	k (ft./day)	Reset = *
7/2/2013	94	3.25	1.861708	25.1	0.887	3.08E-06	8.73E-03	
7/2/2013	109	3	2.111708	25.1	0.887	3.25E-06	9.21E-03	
7/2/2013	122	2.75	2.361708	25.1	0.887	3.55E-06	1.01E-02	
7/2/2013	150	2.5	2.611708	25.1	0.887	3.55E-06	1.01E-02	

SUMMARY

ka = 3.36E-06 cm/sec Acceptance criteria = 25 %
 $V_m = \frac{|k_a - k_i|}{k_a} \times 100$
 k1 = 3.08E-06 cm/sec 8.2 %
 k2 = 3.25E-06 cm/sec 3.2 %
 k3 = 3.55E-06 cm/sec 5.6 %
 k4 = 3.55E-06 cm/sec 5.7 %

Hydraulic conductivity	k =	3.36E-06 cm/sec	9.52E-03 ft/day
Void Ratio	e =	0.43	
Porosity	n =	0.30	
Bulk Density	γ =	2.10 g/cm3	130.9 pcf
Water Content	W =	0.28 cm3/cm3	(at 20 deg C)
Intrinsic Permeability	kint =	3.44E-11 cm2	(at 20 deg C)

Respectfully submitted

Hermann Walka, P.E.



Ute Tribal #7-12-3-4WH

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Customer:

J. Blake Scott
Scott Environmental Services, Inc.
P.O. Box 6215
Longview, Texas 75608
USA

Project: **S2567-UT**
Cust. Sample: **OBC**
Lab ID: 130226Q001

Collected: 2/12/2013
Received: 2/26/2013
Report Date: 3/6/2013

Analysis	Results	Units	Method	Date	Time	Tech
Dry Sample (pH,EC and CEC)	Completed	Result	LA 29B	2/26/2013	17:00	
EC at Saturation	90.2	mho/cm	LA 29B	3/5/2013	14:31	
Electrical Conductance at 25 C	28.0	mho/cm	LA 29B	3/5/2013	14:31	
Hydrophobicity	Positive	Result	LA 29B	2/27/2013	12:00	
pH 1:1 aq(LA29B) @25C	9.9	SU	LA 29B	3/5/2013	11:25	
Sample Prep La - 29B	Completed	mL/g	LA 29B	3/4/2013	15:30	
Saturation Water Percentage (dried s	31	%	LA 29B	3/5/2013	16:15	
Sodium Adsorption Ratio	57	meq/meq	LA 29B	3/6/2013	11:55	
Soluble Cation Extraction	80/80.0	mL/g	LA 29B	3/4/2013	16:50	
Special Total Ba Metals Prep	500/0.1280	mL/g	LA 29B	3/4/2013	15:30	
Extraction (3-Day SESI)	50/5.20	mL/g	LA29B*Modified	2/26/2013	14:45	
Chloride (LA29 3D EXIC)	3,840	mg/kg	LA29B-Mod SESI	3/4/2013	13:28	
Free Alkalinity (Phenyl	994	mg/kg	SM 2320B	3/5/2013	15:00	
Total Solids for Dry Wt	63.2	%	SM 2540 G	2/27/2013	16:20	
Solid/Organic Metals Digestion	100/1.54	mL/g	SW-846 3050B	2/27/2013	9:08	
Arsenic	< 3.00	mg/kg	SW-846 6010B	3/6/2013	11:55	
Cadmium	< 3.00	mg/kg	SW-846 6010B	3/6/2013	11:55	
Calcium (Water Soluble)	31.7	meq/L	SW-846 6010B	3/6/2013	11:55	
Chromium	8.13	mg/kg	SW-846 6010B	3/6/2013	11:55	
Lead	176	mg/kg	SW-846 6010B	3/6/2013	11:55	
Magnesium (Water Soluble)	< 1.00	meq/L	SW-846 6010B	3/6/2013	11:55	
Selenium	< 3.00	mg/kg	SW-846 6010B	3/6/2013	11:55	
Silver	< 3.00	mg/kg	SW-846 6010B	3/6/2013	11:55	
Sodium (Water Soluble)	231	meq/L	SW-846 6010B	3/6/2013	11:55	
True Total Barium	273,000	mg/kg	SW-846 6010B	3/6/2013	11:55	
Zinc	93.8	mg/kg	SW-846 6010B	3/6/2013	11:55	
Mercury	0.103	mg/kg	SW-846 7471A	3/6/2013	14:30	
Solid Metal Digestion Hg	100/0.62	mL/g	SW-846 7471A	2/27/2013	9:54	
Benzene	44.6	mg/kg	SW-846 8260B	3/4/2013	14:31	
VOC 5035 Extraction	10/10.2	mg/kg	SW-846 8260B	3/4/2013	8:00	
Sulfate	< 300	mg/kg	Tex-620-J	3/4/2013	10:46	
Sulfate Extraction/Leaching	50/5.37	mL/g	Tex-620-J	2/28/2013	15:30	
1005 TPH Extraction Solid	10/10.2	mL/g	TNRCC TX 1005	3/4/2013	8:00	
C12 to C28 TPH	348,000	mg/kg	TNRCC TX 1005	3/4/2013	16:12	
C28 to C36 TPH	124,000	mg/kg	TNRCC TX 1005	3/4/2013	16:12	
C6 to C12 TPH	78,900	mg/kg	TNRCC TX 1005	3/4/2013	16:12	
C6 to C36 TPH	551,000	mg/kg	TNRCC TX 1005	3/4/2013	16:12	



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Quality Control Data

Analyte	QC Parameter		Result Units	Reference Value	Units
Chloride	Blank	Method Blank	< 1.0 ppm		
	CCV1	Recovery	108 %	True Value	20 ppm
	CCV2	Recovery	99 %	True Value	10 ppm
	CCV3	Recovery	109 %	True Value	10 ppm
	Dup-A	A Reading	3,840 ppm		
	Dup-B	B Reading	3,970 ppm		
	Dup-RPD1	Relative% Difference	3.3 %		
	LCS	Recovery	91.9 %	Spike Amount	9000 ppm
	LCSD	Recovery	94.4 %	Spike Amount	9000 ppm
	LCS-RPD	Relative% Difference	2.68 %		
	MS	Recovery	125 %	Spike Amount	8 ppm
C8-C12 TPH	Blank	Method Blank	< 50 ppm		
	CCV1	Recovery	115 %	True Value	1000 ppm
	CCV2	Recovery	117 %	True Value	1000 ppm
	Dup-A	A Reading	78,900 ppm		
	Dup-B	B Reading	72,200 ppm		
	Dup-RPD1	Relative% Difference	8.86 %		
	LCS	Recovery	105 %	Spike Amount	500 ppm
	LCSD	Recovery	96.4 %	Spike Amount	500 ppm
C12-C28 TPH	LCS-RPD	Relative% Difference	8.92 %		
	Blank	Method Blank	< 50 ppm		
	CCV1	Recovery	113 %	True Value	1000 ppm
	CCV2	Recovery	123 %	True Value	1000 ppm
	Dup-A	A Reading	348,000 ppm		
	Dup-B	B Reading	345,000 ppm		
	Dup-RPD1	Relative% Difference	1.01 %		
	LCS	Recovery	99.6 %	Spike Amount	500 ppm
Benzene	LCSD	Recovery	93.2 %	Spike Amount	500 ppm
	LCS-RPD	Relative% Difference	6.64 %		
	Blank	Method Blank	< 0.0010 ppm		
	CCV1	Recovery	86.8 %	True Value	0.02 ppm
	LCS	Recovery	89.2 %	Spike Amount	0.02 ppm
	LCSD	Recovery	80 %	Spike Amount	0.02 ppm
Electrical Conductivity	LCS-RPD	Relative% Difference	10.8 %		
	MS	Recovery	80.4 %	Spike Amount	0.02 ppm
	Dup-A(EC)	Reading	46.4 mho/c		
	Dup-B(EC)	Reading	46 mho/c		
	Dup-RPD1	Relative% Difference	0.866 %		
	Standard1(EC)	Reading	14.1 mho/c	True Value	14.13 mho/c
	Standard2(EC)	Reading	14.17 mho/c	True Value	14.13 mho/c



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Analyte	QC Parameter		Result	Units	Reference Value	Units
pH at 25 C	Dup-A(pH)	Reading	11.79	SU		
	Dup-B(pH)	Reading	11.79	SU		
	Dup-RPD1	Relative% Difference	< 0.100	%		
	pH 10 Buffer(1st)	Reading	10.02	SU	True Value	10.01 SU
	pH 10 Buffer(2nd)	Reading	9.98	SU	True Value	10.01 SU
Sulfate	Blank	Method Blank	< 0.10	ppm		
	CCV1	Recovery	102	%	True Value	20 ppm
	CCV2	Recovery	94.8	%	True Value	20 ppm
	Dup-A	A Reading	< 1.00	ppm		
	Dup-B	B Reading	< 1.00	ppm		
	Dup-RPD1	Relative% Difference	< 0.100	%		
	LCS	Recovery	89.5	%	Spike Amount	3500 ppm
	LCSD	Recovery	92.6	%	Spike Amount	3500 ppm
	LCS-RPD	Relative% Difference	3.44	%		
	MS	Recovery	114	%	Spike Amount	10 ppm
Silver	Blank	Method Blank	< 2.5	ppm		
	CCV2	Recovery	104	%	True Value	2 ppm
	CCV3	Recovery	106	%	True Value	2 ppm
	ICV	Recovery	107	%	True Value	1 ppm
	LCS	Recovery	101	%	Spike Amount	0.1 ppm
	LCSD	Recovery	104	%	Spike Amount	0.1 ppm
	LCS-RPD	Relative% Difference	2.4	%		
	MS	Recovery	94	%	Spike Amount	0.1 ppm
	MSD	Recovery	91.5	%	Spike Amount	0.1 ppm
	MS-RPD	Relative% Difference	2.68	%		
Arsenic	Blank	Method Blank	< 2.5	ppm		
	CCV2	Recovery	106	%	True Value	10 ppm
	CCV3	Recovery	108	%	True Value	10 ppm
	ICV	Recovery	98.3	%	True Value	5 ppm
	LCS	Recovery	94.8	%	Spike Amount	0.5 ppm
	LCSD	Recovery	96.4	%	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	1.66	%		
	MS	Recovery	93.3	%	Spike Amount	0.5 ppm
	MSD	Recovery	88.3	%	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	5.53	%		
Barium, True Total	Blank	Method Blank	< 0.050	ppm		
	CCV1	Recovery	105	%	True Value	10 ppm
	CCV2	Recovery	106	%	True Value	10 ppm
	Dup-A	A Reading	424,000	ppm		
	Dup-B	B Reading	395,000	ppm		
Calcium, water soluble	Dup-RPD1	Relative% Difference	6.95	%		
	ICV	Recovery	96.8	%	True Value	5 ppm
	Blank	Method Blank	< 1.0	ppm		
	CCV1	Recovery	103	%	True Value	100 ppm
	CCV2	Recovery	104	%	True Value	100 ppm
	Dup-A	A Reading	2,240	ppm		
	Dup-B	B Reading	2,180	ppm		
	Dup-RPD1	Relative% Difference	2.72	%		
	ICV	Recovery	100	%	True Value	50 ppm



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Analyte	QC Parameter		Result Units	Reference Value	Units
Cadmium	Blank	Method Blank	< 2.5 ppm		
	CCV2	Recovery	105 %	True Value	5 ppm
	CCV3	Recovery	105 %	True Value	5 ppm
	ICV	Recovery	99.7 %	True Value	2.5 ppm
	LCS	Recovery	100 %	Spike Amount	0.25 ppm
	LCSD	Recovery	103 %	Spike Amount	0.25 ppm
	LCS-RPD	Relative% Difference	2.91 %		
	MS	Recovery	96.3 %	Spike Amount	0.25 ppm
	MSD	Recovery	92.3 %	Spike Amount	0.25 ppm
	MS-RPD	Relative% Difference	4.34 %		
Chromium	Blank	Method Blank	< 3.0 ppm		
	CCV2	Recovery	104 %	True Value	10 ppm
	CCV3	Recovery	106 %	True Value	10 ppm
	ICV	Recovery	99 %	True Value	5 ppm
	LCS	Recovery	96.2 %	Spike Amount	0.5 ppm
	LCSD	Recovery	99.6 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	3.43 %		
	MS	Recovery	101 %	Spike Amount	0.5 ppm
	MSD	Recovery	92.3 %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	9.01 %		
Mercury	Blank	Method Blank	< 0.00020 ppm		
	CCV1	Recovery	93.2 %	True Value	0.005 ppm
	CCV2	Recovery	91 %	True Value	0.005 ppm
	LCS	Recovery	85.9 %	Spike Amount	0.005 ppm
	LCSD	Recovery	88.6 %	Spike Amount	0.005 ppm
	LCS-RPD	Relative% Difference	1.63 %		
	MS	Recovery	73.4 %	Spike Amount	0.005 ppm
	MSD	Recovery	81.6 %	Spike Amount	0.005 ppm
	MS-RPD	Relative% Difference	0.106 %		
Magnesium, water soluble	Blank	Method Blank	< 1.0 ppm		
	CCV1	Recovery	104 %	True Value	100 ppm
	CCV2	Recovery	104 %	True Value	100 ppm
	Dup-A	A Reading	< 1.00 ppm		
	Dup-B	B Reading	< 1.00 ppm		
	Dup-RPD1	Relative% Difference	< 0.100 %		
Sodium, water soluble	ICV	Recovery	95.8 %	True Value	50 ppm
	Blank	Method Blank	< 1.0 ppm		
	CCV1	Recovery	104 %	True Value	100 ppm
	CCV2	Recovery	105 %	True Value	100 ppm
	Dup-A	A Reading	6,500 ppm		
	Dup-B	B Reading	6,380 ppm		
	Dup-RPD1	Relative% Difference	1.9 %		
	ICV	Recovery	101 %	True Value	50 ppm



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Analyte	QC Parameter		Result Units	Reference Value	Units
Lead	Blank	Method Blank	< 2.5 ppm		
	CCV2	Recovery	105 %	True Value	10 ppm
	CCV3	Recovery	106 %	True Value	10 ppm
	ICV	Recovery	99.6 %	True Value	5 ppm
	LCS	Recovery	96.9 %	Spike Amount	0.5 ppm
	LCSD	Recovery	101 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	4.13 %		
	MS	Recovery	29.4 L %	Spike Amount	0.5 ppm
	MSD	Recovery	153 H %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	8.46 %		
Selenium	Blank	Method Blank	< 2.5 ppm		
	CCV2	Recovery	107 %	True Value	10 ppm
	CCV3	Recovery	108 %	True Value	10 ppm
	ICV	Recovery	101 %	True Value	5 ppm
	LCS	Recovery	81.5 %	Spike Amount	0.5 ppm
	LCSD	Recovery	102 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	22.3 H %		
	MS	Recovery	76.7 %	Spike Amount	0.5 ppm
	MSD	Recovery	83.5 %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	8.17 %		
Zinc	Blank	Method Blank	< 2.5 ppm		
	CCV2	Recovery	104 %	True Value	10 ppm
	CCV3	Recovery	104 %	True Value	10 ppm
	ICV	Recovery	99.5 %	True Value	5 ppm
	LCS	Recovery	101 %	Spike Amount	0.5 ppm
	LCSD	Recovery	103 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	1.78 %		
	MS	Recovery	100 %	Spike Amount	0.5 ppm
	MSD	Recovery	92.4 %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	8.17 %		
Total Solids	Blank%	Method Blank	< 0.10 %		
	Dup-A%	A Reading	63.2 %		
	Dup-B%	B Reading	62.2 %		
	Dup-RPD1	Relative% Difference	1.69 %		

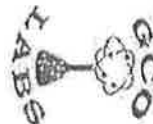
Approved by

Greg Oliver

Greg Oliver, Lab Manager



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Chain of Custody

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(903) 452-1929

Report to: J. B. Scott		Project name/location: SE57-UT	
Company: Scott Environmental Services		Billing Address (if different):	
Address: P.O. Box 6215			
City: Longview	State: Texas	Zip: 75608	City:
Field Identification: 13026Q01		Date: 4/12/13	Time: 5:00 PM
Matrix: OCB		Matrix #Bottles: 8	Notes: ROUTINE SALINITY #1
Date: 4/12/13		Analysis Request: TCEQ 1005	
Retained by: PAUL KERN		BENZENE	
Released by: PAUL KERN		SPL METALS	
Signature: PAUL KERN			
Title: SENIOR ANALYST			
Company: SCOTT ENVIRONMENTAL SERVICES			
Address: 1000 N. 10th St.			
City: Longview			
State: Texas			
Zip: 75604			

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Laboratory Approved by the Texas Railroad Commission

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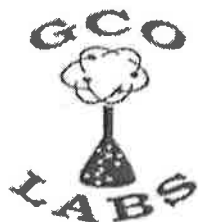
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Customer: J. Blake Scott
Scott Environmental Services, Inc.
P.O. Box 6215
Longview, Texas 75608
USA

Project: **S2578-UT**
Cust. Sample: **WETOBC**
Lab ID: **130506Q001**

Collected: 4/25/2013
Received: 5/6/2013
Report Date: 5/13/2013

Analysis	Results	Units	Method	Date	Time	Tech
Dry Sample (pH, EC and CEC)	Completed	Result	LA 29B	5/6/2013	17:00	fgo
EC at Saturation	113	mho/cm	LA 29B	5/9/2013	10:48	fgo
Electrical Conductance at 25 C	33.2	mho/cm	LA 29B	5/9/2013	10:48	fgo
Hydrophobicity	Positive	Result	LA 29B	5/7/2013	8:00	fgo
pH 1:1 aque(LA29B) @25C	10.5	SU	LA 29B	5/8/2013	10:55	fgo
Sample Prep La - 29B	Completed	mL/g	LA 29B	5/8/2013	12:30	fgo
Saturation Water Percentage (dried s	29	%	LA 29B	5/8/2013	10:48	fgo
Sodium Adsorption Ratio	2.0	meq/meq	LA 29B	5/9/2013	13:00	fgo
Soluble Cation Extraction	80/80.0	mL/g	LA 29B	5/8/2013	10:14	fgo
Special Total Ba Metals Prep	500/0.1432	mL/g	LA 29B	5/8/2013	12:30	fgo
Extraction (3-Day SESI)	50/5.80	mL/g	LA29B*Modified	5/6/2013	17:22	fgo
Chloride (LA29 3D EXIC)	9,180	mg/kg	LA29B-Mod SESI	5/10/2013	11:58	fgo
Free Alkalinity (Phenyl	5,910	mg/kg	SM 2320B	5/9/2013	10:00	fgo
Total Solids for Dry Wt	76.6	%	SM 2540 G	5/8/2013	13:46	fgo
Solid/Organic Metals Digestion	100/1.18	mL/g	SW-846 3050B	5/7/2013	8:30	fgo
Arsenic	5.79	mg/kg	SW-846 6010B	5/9/2013	13:00	fgo
Cadmium	< 2.50	mg/kg	SW-846 6010B	5/9/2013	13:00	fgo
Calcium (Water Soluble)	258	meq/L	SW-846 6010B	5/9/2013	13:00	fgo
Chromium	9.68	mg/kg	SW-846 6010B	5/9/2013	13:00	fgo
Lead	2.72	mg/kg	SW-846 6010B	5/9/2013	13:00	fgo
Magnesium (Water Soluble)	< 1.00	meq/L	SW-846 6010B	5/9/2013	13:00	fgo
Selenium	< 2.50	mg/kg	SW-846 6010B	5/9/2013	13:00	fgo
Silver	< 2.50	mg/kg	SW-846 6010B	5/9/2013	13:00	fgo
Sodium (Water Soluble)	22.3	meq/L	SW-846 6010B	5/9/2013	13:00	fgo
True Total Barium	257,000	mg/kg	SW-846 6010B	5/9/2013	13:00	fgo
Zinc	42.6	mg/kg	SW-846 6010B	5/9/2013	13:00	fgo
Mercury	0.119	mg/kg	SW-846 7471A	5/9/2013	14:54	fgo
Solid Metal Digestion Hg	100/0.49	mL/g	SW-846 7471A	5/7/2013	8:45	fgo
Benzene	0.394	mg/kg	SW-846 8260B	5/8/2013	13:34	fgo
VOC 5035 Extraction	10/10.2	mg/kg	SW-846 8260B	5/7/2013	9:04	fgo
Sulfate	< 300	mg/kg	Tex-620-J	5/10/2013	14:44	fgo
Sulfate Extraction/Leaching	50/5.18	mL/g	Tex-620-J	5/7/2013	15:56	fgo
1005 TPH Extraction Solid	10/10.1	mL/g	TNRCC TX 1005	5/7/2013	9:15	fgo
C12 to C28 TPH	134,000	mg/kg	TNRCC TX 1005	5/8/2013	13:18	fgo
C28 to C36 TPH	< 500	mg/kg	TNRCC TX 1005	5/8/2013	13:18	fgo
C6 to C12 TPH	23,300	mg/kg	TNRCC TX 1005	5/8/2013	13:18	fgo
C6 to C36 TPH	158,000	mg/kg	TNRCC TX 1005	5/8/2013	13:18	fgo



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Quality Control Data

Analyte	QC Parameter		Result	Units	Reference Value	Units
Chloride	Blank	Method Blank	< 1.0 ppm			
	CCV1	Recovery	104 %		True Value	20 ppm
	CCV2	Recovery	105 %		True Value	10 ppm
	CCV3	Recovery	108 %		True Value	10 ppm
	Dup-A	A Reading	9,180 ppm			
	Dup-B	B Reading	8,990 ppm			
	Dup-RPD1	Relative% Difference	2.09 %			
	LCS	Recovery	101 %		Spike Amount	9000 ppm
	LCSD	Recovery	99.9 %		Spike Amount	9000 ppm
	LCS-RPD	Relative% Difference	0.94 %			
	MS	Recovery	129 %		Spike Amount	8 ppm
C6-C12, TPH	Blank	Method Blank	< 50 ppm			
	CCV1	Recovery	86.2 %		True Value	1000 ppm
	CCV2	Recovery	120 %		True Value	1000 ppm
	Dup-A	A Reading	23,300 ppm			
	Dup-B	B Reading	23,900 ppm			
	Dup-RPD1	Relative% Difference	2.19 %			
	LCS	Recovery	83 %		Spike Amount	500 ppm
	LCSD	Recovery	84.6 %		Spike Amount	500 ppm
	LCS-RPD	Relative% Difference	2 %			
	Blank	Method Blank	< 50 ppm			
	CCV1	Recovery	91.7 %		True Value	1000 ppm
C12-C28, TPH	CCV2	Recovery	91 %		True Value	1000 ppm
	Dup-A	A Reading	134,000 ppm			
	Dup-B	B Reading	147,000 ppm			
	Dup-RPD1	Relative% Difference	8.96 %			
	LCS	Recovery	96.8 %		Spike Amount	500 ppm
	LCSD	Recovery	89.2 %		Spike Amount	500 ppm
	LCS-RPD	Relative% Difference	8.14 %			
	Blank	Method Blank	< 0.0010 ppm			
	CCV1	Recovery	102 %		True Value	0.02 ppm
	LCS	Recovery	97.8 %		Spike Amount	0.02 ppm
	LCSD	Recovery	103 %		Spike Amount	0.02 ppm
Benzene	LCS-RPD	Relative% Difference	5.18 %			
	MS	Recovery	113 %		Spike Amount	0.02 ppm
	MSD	Recovery	112 %		Spike Amount	0.02 ppm
	MS-RPD	Relative% Difference	0.931 %			
	Dup-A	A Reading	5,910 ppm			
	Dup-B	B Reading	4,600 ppm			
	LCS	Recovery	86.7 %		Spike Amount	4900 ppm
Alkalinity						



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Analyte	QC Parameter		Result Units	Reference Value	Units
Electrical Conductivity	Dup-A(EC)	Reading	33.2 mho/c		
	Dup-B(EC)	Reading	33 mho/c		
	Dup-RPD1	Relative% Difference	0.604 %		
	Standard1(EC)	Reading	14.4 mho/c	True Value	14.13 mho/c
	Standard2(EC)	Reading	14.51 mho/c	True Value	14.13 mho/c
SWP	Blank%	Method Blank	< 0.10 %		
	Dup-A%	A Reading	29.3 %		
	Dup-B%	B Reading	29.8 %		
	Dup-RPD1	Relative% Difference	1.65 %		
pH at 25C	Dup-A(pH)	Reading	10.52 SU		
	Dup-B(pH)	Reading	10.6 SU		
	Dup-RPD1	Relative% Difference	0.758 %		
	pH 10 Buffer(1st)	Reading	10.02 SU	True Value	10.01 SU
	pH 10 Buffer(2nd)	Reading	9.96 SU	True Value	10.01 SU
Sulfate	Blank	Method Blank	< 0.10 ppm		
	CCV1	Recovery	107 %	True Value	20 ppm
	CCV2	Recovery	110 %	True Value	20 ppm
	Dup-A	A Reading	< 300 ppm		
	Dup-B	B Reading	< 300 ppm		
	Dup-RPD1	Relative% Difference	< 1.00 %		
	LCS	Recovery	110 %	Spike Amount	3000 ppm
	LCSD	Recovery	107 %	Spike Amount	3000 ppm
	LCS-RPD	Relative% Difference	3.13 %		
	MS	Recovery	130 %	Spike Amount	10 ppm
	Blank	Method Blank	< 0.10 ppm		
Barium, True Total	CCV2	Recovery	97.3 %	True Value	10 ppm
	CCV3	Recovery	96 %	True Value	10 ppm
	Dup-A	A Reading	257,000 ppm		
	Dup-B	B Reading	299,000 ppm		
	Dup-RPD1	Relative% Difference	15.3 %		
	ICV	Recovery	93.7 %	True Value	5 ppm
	Blank	Method Blank	< 0.00028 ppm		
Mercury	CCV1	Recovery	105 %	True Value	0.005 ppm
	CCV2	Recovery	96.6 %	True Value	0.005 ppm
	LCS	Recovery	97.5 %	Spike Amount	0.005 ppm
	LCSD	Recovery	101 %	Spike Amount	0.005 ppm
	LCS-RPD	Relative% Difference	1.67 %		
	MS	Recovery	94 %	Spike Amount	0.005 ppm
	MSD	Recovery	94.1 %	Spike Amount	0.005 ppm
	MS-RPD	Relative% Difference	0.000929 %		
	Blank	Method Blank	< 2.5 ppm		
Arsenic	CCV3	Recovery	97.4 %	True Value	10 ppm
	CCV4	Recovery	98.3 %	True Value	10 ppm
	ICV	Recovery	97.7 %	True Value	5 ppm
	LCS	Recovery	93.9 %	Spike Amount	0.5 ppm
	LCSD	Recovery	90.8 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	3.34 %		
	MS	Recovery	90.5 %	Spike Amount	0.5 ppm
	MSD	Recovery	80 %	Spike Amount	0.5 ppm
	Blank	Method Blank	< 2.5 ppm		



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Analyte	QC Parameter	Result	Units	Reference Value	Units
Ca, water soluble	MS-RPD	Relative% Difference	12.3 %		
	Blank	Method Blank	< 1.0 ppm		
	CCV1	Recovery	96.6 %	True Value	100 ppm
	CCV2	Recovery	97.6 %	True Value	100 ppm
	Dup-A	A Reading	5,170 ppm		
	Dup-B	B Reading	5,110 ppm		
	Dup-RPD1	Relative% Difference	1.23 %		
	ICV	Recovery	96.1 %	True Value	50 ppm
Cadmium	Blank	Method Blank	< 2.5 ppm		
	CCV3	Recovery	97.2 %	True Value	5 ppm
	CCV4	Recovery	97.7 %	True Value	5 ppm
	ICV	Recovery	96.6 %	True Value	2.5 ppm
	LCS	Recovery	91 %	Spike Amount	0.25 ppm
	LCSD	Recovery	88.1 %	Spike Amount	0.25 ppm
	LCS-RPD	Relative% Difference	3.3 %		
	MS	Recovery	89.6 %	Spike Amount	0.25 ppm
	MSD	Recovery	89.4 %	Spike Amount	0.25 ppm
	MS-RPD	Relative% Difference	0.268 %		
Chromium	Blank	Method Blank	< 2.5 ppm		
	CCV3	Recovery	97.2 %	True Value	10 ppm
	CCV4	Recovery	97.4 %	True Value	10 ppm
	ICV	Recovery	96.8 %	True Value	5 ppm
	LCS	Recovery	94.6 %	Spike Amount	0.5 ppm
	LCSD	Recovery	92.4 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	2.29 %		
	MS	Recovery	93.8 %	Spike Amount	0.5 ppm
	MSD	Recovery	94.5 %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	0.755 %		
Lead	Blank	Method Blank	< 2.5 ppm		
	CCV3	Recovery	97.1 %	True Value	10 ppm
	CCV4	Recovery	97.6 %	True Value	10 ppm
	ICV	Recovery	96.3 %	True Value	5 ppm
	LCS	Recovery	92.8 %	Spike Amount	0.5 ppm
	LCSD	Recovery	89.7 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	3.35 %		
	MS	Recovery	72.4 %	Spike Amount	0.5 ppm
	MSD	Recovery	81.7 %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	12.1 %		
Mg, water soluble	Blank	Method Blank	< 1.0 ppm		
	CCV1	Recovery	97.5 %	True Value	100 ppm
	CCV2	Recovery	97.9 %	True Value	100 ppm
	Dup-A	A Reading	< 0.500 ppm		
	Dup-B	B Reading	< 0.500 ppm		
	Dup-RPD1	Relative% Difference	< 1.00 %		
	ICV	Recovery	101 %	True Value	50 ppm
	Blank	Method Blank	< 1.0 ppm		
Na, water soluble	CCV1	Recovery	98.1 %	True Value	100 ppm
	CCV2	Recovery	98.1 %	True Value	100 ppm
	Dup-A	A Reading	513 ppm		



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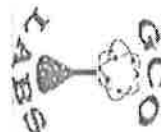
Analyte	QC Parameter		Result Units	Reference Value	Units
Selenium	Dup-B	B Reading	501 ppm		
	Dup-RPD1	Relative% Difference	2.45 %		
	ICV	Recovery	98.4 %	True Value	50 ppm
	Blank	Method Blank	< 2.5 ppm		
	CCV3	Recovery	98.1 %	True Value	10 ppm
	CCV4	Recovery	98 %	True Value	10 ppm
	ICV	Recovery	101 %	True Value	5 ppm
	LCS	Recovery	93.1 %	Spike Amount	0.5 ppm
	LCSD	Recovery	88.1 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	5.45 %		
	MS	Recovery	93.5 %	Spike Amount	0.5 ppm
	MSD	Recovery	88.3 %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	5.72 %		
	Blank	Method Blank	< 2.5 ppm		
Silver	CCV3	Recovery	97.4 %	True Value	2 ppm
	CCV4	Recovery	97.7 %	True Value	2 ppm
	ICV	Recovery	102 %	True Value	1 ppm
	LCS	Recovery	92.1 %	Spike Amount	0.1 ppm
	LCSD	Recovery	87.8 %	Spike Amount	0.1 ppm
	LCS-RPD	Relative% Difference	4.73 %		
	MS	Recovery	92.7 %	Spike Amount	0.1 ppm
	MSD	Recovery	92.3 %	Spike Amount	0.1 ppm
	MS-RPD	Relative% Difference	0.466 %		
	Blank	Method Blank	< 2.5 ppm		
Zinc	CCV3	Recovery	97.8 %	True Value	10 ppm
	CCV4	Recovery	98.3 %	True Value	10 ppm
	ICV	Recovery	96.3 %	True Value	5 ppm
	LCS	Recovery	92 %	Spike Amount	0.5 ppm
	LCSD	Recovery	89 %	Spike Amount	0.5 ppm
	LCS-RPD	Relative% Difference	3.24 %		
	MS	Recovery	95.1 %	Spike Amount	0.5 ppm
	MSD	Recovery	94.9 %	Spike Amount	0.5 ppm
	MS-RPD	Relative% Difference	0.194 %		
	Blank%	Method Blank	< 0.10 %		
Total Solids	Dup-A%	A Reading	76.6 %		
	Dup-B%	B Reading	76.2 %		
	Dup-RPD1	Relative% Difference	0.471 %		

Approved by

Greg Oliver, Lab Manager



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Laboratory Approved by the Texas Railroad Commission

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Report to: J. B. Scott		Project name/location: S257B-UT		Analysis Request:	
Company: Scott Environmental Services		Billing Address (if different):		Analysis Request:	
Address: P.O. Box 6215					
City: Longview	State: Texas	Zip: 75608	City: 	State: 	Zip:
Sample ID: 1505060001 WET OBC		Field Identification: 42513 - SURF 4		PO Number: 	
Sample Use Only:		Date/Time Matrix #Bottles:		Notes:	
				ROUTINE SALINITY #1* TCEQ 1005 BENZENE LAZORB METAL	

*INCL. 3-DAY CHLORIDES

Date: 5/10/13	Time: 15:37	Relinquished by: TANNER KERN	Signature: <i>[Signature]</i>	Printed Name: Greg Olive	Signature: <i>[Signature]</i>	Printed Name: Greg Olive	Signature: <i>[Signature]</i>
Received by:				Received by:			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-6388
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: UTE TRIBAL 4-1-12-3-4WH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0089 FNL 0487 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 01 Township: 03.0S Range: 04.0W Meridian: U		9. API NUMBER: 43013516420000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/11/2013	OTHER: <input type="text" value="Daily Drilling Reports"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. As per our conversation with Dustin Doucet, attached find the Daily Drilling Reports for the above mentioned well.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 22, 2016		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 1/21/2016	

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date 6/24/2013	Report End Date 6/25/2013	24hr Activity Summary Set 60' of 20" conductor pipe. Wait on Surface Rig.
Start Time 00:00	End Time 00:00	Comment Pete Martin Rig #16 spudded 26" hole on 06/24/2013 and drilled to 60' GL. Set 20", 52.78# (0.250" wall), SA53B conductor pipe at 60' GL and cemented to surface with Pro Petro Cementers on 06/24/2013. Cement Job: Pumped 10 bbls fresh water flush ahead of cement.
Report Start Date 6/25/2013	Report End Date 6/26/2013	24hr Activity Summary MIRU
Start Time 00:00	End Time 00:00	Comment MIRU Pro Petro Rig #10.
Report Start Date 6/26/2013	Report End Date 6/27/2013	24hr Activity Summary Start picking up BHA and trip in hole to 60' GL. Drill from 60' GL to 280' GL. Take survey. Drill from 280' GL to 550' GL. Take survey. Drill from 550' GL to 790' GL. Take survey. Drill from 790' GL to 1030' GL.
Start Time 00:00	End Time 02:30	Comment Start picking up BHA and trip in hole to 60' GL.
Start Time 02:30	End Time 05:00	Comment Spud 17.50" hole @ 02:30 AM on 06/26/2013. Drill from 60' GL to 280' GL.
Start Time 05:00	End Time 05:30	Comment Circulate for survey. Take Single Shot survey @ 220' GL = 1.50 Degrees.
Start Time 05:30	End Time 08:00	Comment Drill from 280' GL to 400' GL.
Start Time 08:00	End Time 09:00	Comment Change rubber size in rotating head.
Start Time 09:00	End Time 12:00	Comment Drill from 400' GL to 550' GL.
Start Time 12:00	End Time 12:30	Comment Circulate for survey.
Start Time 12:30	End Time 13:00	Comment Take Single Shot survey @ 490' GL = 1.25 Degrees.
Start Time 13:00	End Time 18:30	Comment Drill from 550' GL to 790' GL.
Start Time 18:30	End Time 19:00	Comment Circulate for survey.
Start Time 19:00	End Time 19:30	Comment Take Single Shot survey @ 730' GL = 0.75 Degrees. No detectable water flow while drilling. Well flowing 60 gallons per minute while taking survey.
Start Time 19:30	End Time 23:30	Comment Drill from 790' GL to 1030' GL.
Start Time 23:30	End Time 00:00	Comment Circulate for survey.
Report Start Date 6/27/2013	Report End Date 6/28/2013	24hr Activity Summary Take survey. Drill from 1030' GL to 1270' GL. Take survey. Drill from 1270' GL to 1540' GL. Take survey. Drill from 1540' GL to 1595' GL. Lost gear end on pump. Wait for extra pump.
Start Time 00:00	End Time 00:30	Comment Take Single Shot survey @ 970' GL = 0.75 Degrees.
Start Time 00:30	End Time 05:00	Comment Drill from 1030' GL to 1270' GL.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	05:00	End Time
		05:30
Comment		
Circulate for survey.		
Take Single Shot survey @ 1210' GL = 1.25 Degrees.		
Start Time	05:30	End Time
		17:30
Comment		
Drill from 1270' GL to 1540' GL.		
Start Time	17:30	End Time
		18:00
Comment		
Circulate for survey.		
Start Time	18:00	End Time
		18:30
Comment		
Take Single Shot survey @ 1480' GL = 1.00 Degree.		
Start Time	18:30	End Time
		20:30
Comment		
Drill from 1540' GL to 1595' GL.		
Start Time	20:30	End Time
		00:00
Comment		
Lost gear end on pump. Wait for extra pump to come from Pro Petro Yard in Vernal.		
Report Start Date	Report End Date	24hr Activity Summary
6/28/2013	6/29/2013	Wait for extra pump. Rig up extra pump. Drill from 1595' GL to 1630' GL. Circulate for short trip. Take survey. Make short trip. Circulate. Trip out of hole. Start running surface casing.
Start Time	00:00	End Time
		03:30
Comment		
Wait for extra pump. Rig up extra pump.		
Start Time	03:30	End Time
		05:30
Comment		
Drill from 1595' GL to 1630' GL.		
Start Time	05:30	End Time
		07:30
Comment		
Circulate for short trip.		
Start Time	07:30	End Time
		08:00
Comment		
Take Single Shot survey @ 1570' GL = 0.75 Degrees		
Start Time	08:00	End Time
		12:00
Comment		
Trip out to drill collars. Trip back to bottom. Had to wash last 55' back to bottom.		
Start Time	12:00	End Time
		13:30
Comment		
Circulate to trip out of hole and run surface casing.		
Start Time	13:30	End Time
		17:30
Comment		
Trip out of hole to run surface casing.		
Start Time	17:30	End Time
		18:30
Comment		
Rig up to run surface casing.		
Well flowing 100 gallons per minute at the start of running casing.		
Start Time	18:30	End Time
		00:00
Comment		
Start running surface casing. 1 joint left to run at report time. Casing details will be on next report.		
Report Start Date	Report End Date	24hr Activity Summary
6/29/2013	6/30/2013	Finish running casing. Cement surface casing. Rig up and start drilling cement out from casing.
Start Time	00:00	End Time
		01:00
Comment		
Finish running casing. Ran 38 jts (1610.16') of 13 3/8", 54.5#, J-55, BT&C casing with Top-Co guide shoe and float collar. 14 centralizers spaced 10' from the shoe, on top of joints #2 and #3 then every 3rd collar to surface. Landed @ 1610.16' GL, Float Collar @ 1564.75' GL. Had to wash last joint of casing down.		
Start Time	01:00	End Time
		02:00
Comment		
Circulate with casing on bottom.		
Start Time	02:00	End Time
		03:30
Comment		
Weld top cap from casing to conductor pipe.		
Start Time	03:30	End Time
		04:00
Comment		
Circulate casing with rig pump. Rig up Pro Petro Cementers.		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time 04:00	End Time 05:30	Comment Cement Job: Pumped 10 bbls fresh water & 40 bbls gelled water flush ahead of cement. Lead: Mixed and pumped 540 sacks (275 bbls) of Type V Cement with 16% Gel, 10 #/sk Gilsonite, 2#/sk Gr3, 3% Salt, and 1/4 #/sk Flocele. Mixed cement @ 12.1 ppg with yield of 2.86 cf/sk. Tail: Mixed and pumped 675 sacks (138 bbls) of Premium Class G Cement with 2% CaCl ₂ , and 1/4 #/sk Flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Displaced cement with 162 bbls fresh water. Kylan Cook notified UDOGM and BLM of the surface casing & cement job via e-mail on 06/26/2013 @ 23:00 PM. Dennis Ingram with UDOGM was on location for cement job.
Start Time 05:30	End Time 06:30	Comment Upon reaching 162 bbls into displacement the cement head came out of casing. The pressure was 375 pounds. Replaced cement head with wash down sub from rig. Shut down for 15 minutes to replace cement head. Could not circulate through casing after having been shut down. Pressure up on casing multiple times attempting to regain circulation. Displacement should have been 242 bbls. 80 bbls short of full displacement, leaving about 500' of cement in casing. No cement to surface. No water flow to surface after pumping stopped. Received verbal permission to top out with 1" pipe from Dennis Ingram with UDOGM.
Start Time 06:30	End Time 12:30	Comment Wait for top out cement from Pro Petro Vernal Yard. Run two strings of 1" pipe to 200' GL. One string down each side of the 13 3/8" casing.
Start Time 12:30	End Time 13:30	Comment Pumped cement down both strings of 1" pipe at the same time. Mixed and pumped 225 sacks (46 bbls) of Premium Class G Cement with 2% CaCl ₂ , and 1/4 #/sk Flocele. Mixed cement @ 15.8 ppg with yield of 1.15 cf/sk. Circulated good cement to surface. Hole stood full when pumping stopped.
Start Time 13:30	End Time 17:30	Comment Wait on cement. Rig up to drill cement out from 13 3/8" casing.
Start Time 17:30	End Time 21:00	Comment Weld diverter head to the top of the 13 3/8" casing to enable drilling out the cement. Finish rigging up to drill out cement.
Start Time 21:00	End Time 22:30	Comment Trip in hole with 12 1/4" Tri Cone. Tag cement at 990' GL.
Start Time 22:30	End Time 00:00	Comment Drill cement from 990' GL to 1080' GL.
Report Start Date 6/30/2013	Report End Date 7/1/2013	24hr Activity Summary Drill cement out to 1555' GL. Trip out of hole. Rig down and move off.
Start Time 00:00	End Time 11:00	Comment Drill cement from 1080' GL to 1555' GL.
Start Time 11:00	End Time 12:00	Comment Circulate
Start Time 12:00	End Time 14:30	Comment Trip out of hole.
Start Time 14:30	End Time 17:30	Comment Clean pits. Rig down. Moving to Patterson 4-9-3-3WH-W15.
Report Start Date 7/9/2013	Report End Date 7/10/2013	24hr Activity Summary Prepare location for rig.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	00:00	End Time
		00:00
Comment		
07/04/2013 - Drill Mouse Hole.		
07/05/2013 - Final blade location.		
07/08/2013 - Weld on Wellhead.		
07/09/2013 - Run Gyro.		
07/10/2013 - Cement cellar floor up to the top of base plate on wellhead.		
Report Start Date	Report End Date	24hr Activity Summary
7/23/2013	7/24/2013	Rig down camps and move same. Scope in derrick. Continue to rig down and clean rig, Spot and Stage drill pipe and new gas buster on new location. String line new location. T-Force rig moving equipment on location @ 0700 hrs as follows= 7 haul trucks, 1 crane, 1 gin truck, 1 pole truck, 3 swampers, 1 safety man. 28 Total loads moved to new location (UTE TRIBAL 4-1-12-3-4 WH). 28 loads left to move.
HPJSM with night crew & tour pusher, Continue rigging down back yard & cleaning rig on old location (UTE TRIBAL 16-12-1-3-4 WH), Prepare to move to new location (UTE TRIBAL 4-1-12-3-4 WH).		
Start Time	05:00	End Time
		13:00
Comment		
Rig down camps and move same. Scope in derrick. Continue to rig down and clean rig, Spot and Stage drill pipe and new gas buster on new location. String line new location. T-Force rig moving equipment on location @ 0700 hrs as follows= 7 haul trucks, 1 crane, 1 gin truck, 1 pole truck, 3 swampers, 1 safety man. 28 Total loads moved to new location (UTE TRIBAL 4-1-12-3-4 WH). 28 loads left to move.		
Start Time	13:00	End Time
		00:00
Comment		
HPJSM with night crew & tour pusher, Continue rigging down back yard & cleaning rig on old location (UTE TRIBAL 16-12-1-3-4 WH), Prepare to move to new location (UTE TRIBAL 4-1-12-3-4 WH).		
Report Start Date	Report End Date	24hr Activity Summary
7/24/2013	7/25/2013	MIRU
Start Time	00:00	End Time
		06:30
Comment		
Continue rigging down back yard & cleaning rig on old location (UTE TRIBAL 16-12-1-3-4 WH), Prepare to move to new location (UTE TRIBAL 4-1-12-3-4 WH).		
Start Time	06:30	End Time
		19:00
Comment		
HPJSM with Tforce, Pioneer, and NFX Personnel.		
Set 13 loads to new location. Spot in Shaker skid, mud pits, generators, gas buster, fuel tank, mud pumps, and mats. Spot 7 loads by new location. 80% moved, 47% set (including camps).Squat floor and lay over derrick at 13:45.		
Tforce moving equipment is as follows: 8 haul trucks, 2 bed trucks, 1 pole truck, 2 forklifts, and 2 cranes.		
Start Time	19:00	End Time
		00:00
Comment		
Rig up set equipment on new location. Clean and prepare loads on old location.		
Report Start Date	Report End Date	24hr Activity Summary
7/25/2013	7/26/2013	90% Moved, 70% Set, 30% rigged up. Tforce moving equipment is as follows: 8 haul trucks, 2 bed trucks, 1 pole truck, 2 forklifts, and 2 cranes.
Start Time	00:00	End Time
		06:30
Comment		
Clean and Prep equipment on old location. Rig up on new.		
Start Time	06:30	End Time
		17:00
Comment		
Set peak centrifuges. Set substructure(driller side, pit side, drawworks, and middle skid), day tank, electrical line skid, and mats. 6 total loads spotted on new location.10 total loads hauled to new location. Derrick on location. Scope and bleed hydraulic rams in preparation for raising derrick and floor. Work on backyard while scoping and bleeding. 2 misc loads left on old location. Both cranes on new location.		
Start Time	17:00	End Time
		19:00
Comment		
HPJSM with Tforce and Pioneer for lifting derrick. Lift derrick onto floor. Lift dog house and attach to sub structure. 16 total loads to new location. 7 Staged off location. 90% Moved, 70% Set, 30% rigged up. Tforce moving equipment is as follows: 8 haul trucks, 2 bed trucks, 1 pole truck, 2 forklifts, and 2 cranes.		
Start Time	19:00	End Time
		00:00
Comment		
Rig up and clean rig.		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

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Daily Operations

Report Start Date 7/26/2013	Report End Date 7/27/2013	24hr Activity Summary Clean, rig up, and prep to raise derrick and floor. HPJSM with Tforce, Pioneer, EM, and NFX personnel. Haul 12 loads to new location. Prep rams to raise derrick. Raise derrick at 09:30. Raise floor at 11:30. Rigging up suction lines on pumps, start rig up new separator. Release Tforce at 15:37. Scope derrick out at 18:48. Finish scoping derrick and pin at 19:44 Continue to work on pump suction lines, gas buster, and flare lines. Started troubleshooting drillers chair @ 20:00 lost communication can not lower blocks & topdrive to rig floor. 100% moved, 95% set, and 75% rigged up.
Start Time 00:00	End Time 06:30	Comment Clean, rig up, and prep to raise derrick and floor.
Start Time 06:30	End Time 16:30	Comment HPJSM with Tforce, Pioneer, EM, and NFX personnel. Haul 12 loads to new location. Prep rams to raise derrick. Raise derrick at 09:30. Raise floor at 11:30. Rigging up suction lines on pumps, start rig up new separator.
Start Time 16:30	End Time 00:00	Comment Release Tforce at 15:37. Scope derrick out at 18:48. Finish scoping derrick and pin at 19:44 Continue to work on pump suction lines, gas buster, and flare lines. Started troubleshooting drillers chair @ 20:00 lost communication can not lower blocks & topdrive to rig floor. 100% moved, 95% set, and 75% rigged up.
Report Start Date 7/27/2013	Report End Date 7/28/2013	24hr Activity Summary Continue rigging up, Finish installing plumbing on mud pumps & gas buster. Rig up flare and panic lines. Troubleshoot drillers chair found module bad waiting on replacement module while rigging up. Called out NOV hand to troubleshoot. Pioneer electrician on location trouble shooting amphion. Safety Stand down. Discussed body placement, focus, and stop work authority. Work on dressing pumps to 6" liners. Finish redressing pumps. Trouble shoot amphion system. Pioneer Safety Stand down. Finish rigging up flare line and panic line. Inspected drill collars, HWDP, and all subs. Continue to trouble shoot amphion system. Held safety stand down with Pioneer Drilling & NFX Personal. HPJSM, With Pioneer drilling Eager Beaver Testers and NFX personal on N/U BOPE, change around soild body rams and VBRs and prepare to test.
Start Time 00:00	End Time 10:00	Comment Continue rigging up, Finish installing plumbing on mud pumps & gas buster. Rig up flare and panic lines. Troubleshoot drillers chair found module bad waiting on replacement module while rigging up. Called out NOV hand to troubleshoot. Pioneer electrician on location trouble shooting amphion.
Start Time 10:00	End Time 10:30	Comment Safety Stand down. Discussed body placement, focus, and stop work authority.
Start Time 10:30	End Time 17:00	Comment Work on dressing pumps to 6" liners. Finish redressing pumps. Trouble shoot amphion system.
Start Time 17:00	End Time 18:00	Comment Pioneer Safety Stand down.
Start Time 18:00	End Time 20:00	Comment Finish rigging up flare line and panic line. Inspected drill collars, HWDP, and all subs. Continue to trouble shoot amphion system.
Start Time 20:00	End Time 20:30	Comment Held safety stand down with Pioneer Drilling & NFX Personal.
Start Time 20:30	End Time 00:00	Comment HPJSM, With Pioneer drilling Eager Beaver Testers and NFX personal on N/U BOPE, change around soild body rams and VBRs and prepare to test.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

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Daily Operations

Report Start Date 7/28/2013	Report End Date 7/29/2013	24hr Activity Summary Finish nipping up BOPE, Install choke line, Kill line torque same. Make up test plug install same, test BOPE. Pressure test all floor valves, IBOP, HCR, choke manifold, upper, lower pipe rams and blind rams to 5,000psi high and 250psi low for 5 minutes. Pressure test annular preventer to 3,500psi high 250psi low. Pressure test 13 3/8" surface casing to 1500psi for 30mins. All tests good. Rig up flow line and kill line. Prep to pick up BHA. Install wear bushing, lay down set joint, and install mouse hole. HPJSM with Leam, Weatherford, Poiner & NFX on picking up BHA as follows= 12.25 PDC Ulterra bit, 2.12 adj slick mtr, float sub, muleshoe sub, NMDC Tool carrier, NMDC, Thruster, X-O sub, 24 jts HWDP, Jars, 5 jts HWDP.
Start Time 00:00	End Time 04:00	Comment Finish nipping up BOPE, Install choke line, Kill line torque same.
Start Time 04:00	End Time 12:00	Comment Make up test plug install same, test BOPE. Pressure test all floor valves, IBOP, HCR, choke manifold, upper, lower pipe rams and blind rams to 5,000psi high and 250psi low for 5 minutes. Pressure test annular preventer to 3,500psi high 250psi low. Pressure test 13 3/8" surface casing to 1500psi for 30mins. All tests good.
Start Time 12:00	End Time 18:00	Comment Rig up flow line and kill line. Prep to pick up BHA.
Start Time 18:00	End Time 19:00	Comment Install wear bushing, lay down set joint, and install mouse hole.
Start Time 19:00	End Time 00:00	Comment HPJSM with Leam, Weatherford, Poiner & NFX on picking up BHA as follows= 12.25 PDC Ulterra bit, 2.12 adj slick mtr, float sub, muleshoe sub, NMDC Tool carrier, NMDC, Thruster, X-O sub, 24 jts HWDP, Jars, 5 jts HWDP.
Report Start Date 7/29/2013	Report End Date 7/30/2013	24hr Activity Summary TIH to F/C, Drill cement & 13 3/8 float equip, Circulate btm up, Perform FIT test, Drill from 1672' to 3278' (1606').
Start Time 00:00	End Time 02:30	Comment Finish picking up HWDP
Start Time 02:30	End Time 03:30	Comment Pick up DP and RIH to float collar
Start Time 03:30	End Time 05:00	Comment Tag cement @ 1,573'. Drill out cement to float collar at 1,591'. Drill out shoe track f/ 1,591' to 1,637' with T/D-40RPM, motor RPM-47, total- 87RPM, 70strokes=293GPM, SPP=950psi, diff=120psi, 15-20WOB, Torque 5-10k ft-lbs,
Start Time 05:00	End Time 05:30	Comment Drill 12-1/4" hole f/ 1,657' - 1,672'. Parameters are as follows with T/D-40RPM, motor RPM-50.88, total- 87RPM, 76strokes=318GPM, SPP=1000psi, diff=150psi, 20-25WOB, Torque 7-10k ft-lbs,
Start Time 05:30	End Time 06:30	Comment Circulate 1xBUs
Start Time 06:30	End Time 07:00	Comment Close annular preventer and IBOP. Presure up backside to 260 psi bleed down to 250psi held for 15 Min. MW in hole 10.0 ppg EMW of 12.8 ppg. Transfer all camps to rig power
Start Time 07:00	End Time 17:30	Comment Drill 12-1/4" hole f/ 1,672' to 2,735' (1063' 101fph) T/D-60RPM, motor RPM-129, total- 189RPM, 192strokes=810GPM, SPP=3616psi, diff=280psi, 20-25WOB, Torque 7.5-10k ft-lbs,
Start Time 17:30	End Time 18:30	Comment Rig Service
Start Time 18:30	End Time 00:00	Comment Drill 12-1/4" hole f/ 2735' to 3278' (543' 98fph) T/D-60RPM, motor RPM-129, total- 189RPM, 192strokes=810GPM, SPP=3665psi, diff=350-400 psi, 25-30WOB, Torque 7.5-10k ft-lbs,

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

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Daily Operations			
Report Start Date 7/30/2013	Report End Date 7/31/2013	24hr Activity Summary Drill, Rig service, Monitor well	
Start Time 00:00	End Time 06:00	Comment Drill 12-1/4" hole f/ 3278' to 3717' (439' 87.8 fph) T/D-60 RPM, motor RPM 129, total 189 RPM, 192 strokes 810 GPM, SPP 3665 psi, diff 350-400 psi, 25-30 WOB, Torque 7.5-10k ft-lbs, Slide 1 HR 25 Min. 31' Slide	
Start Time 06:00	End Time 07:30	Comment Drill 12-1/4" hole f/ 3717' to 3810' (93' 62.0 fph) T/D-60 RPM, motor RPM-129, total- 189 RPM, 192 strokes 810 GPM, SPP 3865 psi, diff 350-400 psi, 25-30 WOB, Torque 7.5-10k ft-lbs, Slide 2 HR 60' Slide Pumped 15 bbl LCM Sweep	
Start Time 07:30	End Time 08:00	Comment Rig Service, Check Fluids & Grease Top Drive, ST-80, Re-Sync. Generators 1-2-3	
Start Time 08:00	End Time 21:30	Comment Drill 12-1/4" hole f/ 3810' to 4573' (763' 72.0 fph) T/D-60 RPM, motor RPM-129, total- 189 RPM, 192 strokes 810 GPM, SPP 3865 psi, diff 350-400 psi, 25-30 WOB, Torque 7.5-10k ft-lbs, Slide 2 HR 63' Slide Pumped 15 bbl LCM Sweep	
Start Time 21:30	End Time 22:00	Comment Rig Service, Calibrate Totco	
Start Time 22:00	End Time 23:30	Comment Drill 12-1/4" hole f/ 4573' to 4604' (31' 20.0 fph) T/D-60 RPM, motor RPM-129, total- 189 RPM, 192 strokes 810 GPM, SPP 3865 psi, diff 350-400 psi, 25-30 WOB, Torque 7.5-10k ft-lbs, Pumped 15 bbl LCM Sweep	
Start Time 23:30	End Time 00:00	Comment Detected a gain in mud tanks, Shut Pumps down, Close Annular, Make sure super choke is close, Open HCR Monitor csg psi, Csg psi leveled off @ 60 psi in 15 mins.	
Report Start Date 7/31/2013	Report End Date 8/1/2013	24hr Activity Summary Drill to 4,745 mud motor failure plugged jets with rubber	
Start Time 00:00	End Time 01:00	Comment Open Annular, & Close choke, bypass Separator, Circ. 120 Stks (500 gpm) increase MW to 10.5, taking random Mud Checks, Circulating @ 1750 psi, Transfer 200 bbls+ to active system for volume.	
Start Time 01:00	End Time 02:00	Comment Drill 12-1/4" hole f/ 4604' to 4667' (63' 63.0 fph) T/D-60 RPM, motor RPM-129, total- 189 RPM, 192 strokes 810 GPM, SPP 3865 psi, diff 350-400 psi, 25-30 WOB, Torque 8-13 ft-lbs, Started gaining fluid in pits 175 bbls in 45 min.	
Start Time 02:00	End Time 05:00	Comment Open Super choke, divert thru Separator, Circ. 120 Stks (500 gpm) increase MW to 10.5, taking random Mud Checks, Circulating @ 1750 psi, work on MW and Transver 100 bbls to Slug pit to adjust weight and increase volume.	
Start Time 05:00	End Time 06:30	Comment Open Annular, & Close choke, bypass Separator, Check for Flow, well flowing @ 15 gal/min. Close annular and open choke to circulate and increase MW to 10.7 ppg.	
Start Time 06:30	End Time 07:30	Comment Open annular, close choke, and bypass separator. Bring pumps online to 190 strks and circulate.	
Start Time 07:30	End Time 11:00	Comment Attempt to slide for inclination. Pressure increased to 4,811psi every attempt. Cycle pumps and trouble shoot surface equipment. Checked drill pipe screen and pumps. Tried to clyce pumps. Slow pump rates were 2000 psi over previous. Suspected plug in bit nozzles. Try to remove plug by cycling pumps, staging pumps up, and circulating. Lost 500psi during circulations.	

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	11:00	End Time
		11:30
Comment		
Slide 12-1/4" from 4,667' - 4,675' (8' 16fph) T/D-0 RPM, motor RPM-80, total- 80 RPM, 121 strokes 500 GPM, SPP 3299 psi, diff 180 psi, 20-25 WOB, Torque 2-3k ft-lbs, Pump pressure decreased from 4048psi to 3200psi during slide. Then at the end of the slide pump pressure decreased to 3200psi to 2750psi.		
Start Time	11:30	End Time
		14:30
Comment		
Drill 12-1/4" from 4,675' - 4,745' (70' 28fph) T/D-40 RPM, motor RPM-80, total- 120 RPM, 121 strokes 500 GPM, SPP 2652 psi, diff 450-500 psi, 25-35 WOB, Torque 7-10k ft-lbs. Pump pressure started to spike through the last 5 foot.		
Start Time	14:30	End Time
		16:00
Comment		
Circulate while building slug to TOO H for bit and motor.		
Start Time	16:00	End Time
		21:30
Comment		
Tooh f/4,745 to 2,300 wash & ream from 2,300 to 1,632		
Start Time	21:30	End Time
		22:00
Comment		
grease & check draw works and st-80		
Start Time	22:00	End Time
		00:00
Comment		
Tooh f/ 1,632 to bha remove directional tools		
Report Start Date	Report End Date	24hr Activity Summary
8/1/2013	8/2/2013	Drilling Ahead 12.25 hole
Start Time	00:00	End Time
		00:30
Comment		
break off bit & mud motor and lay down		
Start Time	00:30	End Time
		02:30
Comment		
PICK UP NEW MOTOR & BIT SCRIBE TOOLS		
Start Time	02:30	End Time
		03:30
Comment		
RAN 12.25 PDC BIT THROUGH BOP STACK ON TOP DRIVE STACKED OUT ON WEAR BUSHING SET 4K DOWN WHILE TRYING TO ROTATE BIT OFF OF WEAR BUSHING PULLED OUT OF THE HOLE BIT HAD 2 CUTTERS MISSING C/O BITS		
Start Time	03:30	End Time
		20:00
Comment		
Trip in hole from surface to 4,526'. Wash and ream from 1,625' to 2,875'. Trip in on elevators from 2,875' to 4,520'. Tagged up at 4,520', picked up, brought pump #1 online to ream and wash. Hole packed off. Worked pipe free then started to circulate and rotate. Wash and ream back to 4,520'. Wash and ream from 4,520'-4,526 reciprocate and work drill string while increase mud weight from a 10.9 to 11.0 ppg		
Start Time	20:00	End Time
		21:30
Comment		
belts on mud pump 1' are slipping making total stks and pump pressure go up & down unable to wash & ream to bottom, stopped operations work on mud pumps		
Start Time	21:30	End Time
		00:00
Comment		
reciprocate and work drill string while building volume in active system lost 50 bbl mud mix and pump 35 bbls lcm pill bring over 10,1 ppg from pre mix weight up to 11.0 ppg with 46 vis and yp=18 bringing active volume up to 600 bbls still lossing mud		
Report Start Date	Report End Date	24hr Activity Summary
8/2/2013	8/3/2013	Drilling Ahead 12.25 hole
Start Time	00:00	End Time
		05:30
Comment		
wash and ream from 4,520 to 4,670 ft while building volume in active system mix and pump 20 bbl, lcm pills		
Start Time	05:30	End Time
		06:00
Comment		
Rig Service grease top drive draw works, crown bop drill 1 min 30 sec function test pipe rams		
Start Time	06:00	End Time
		09:00
Comment		
Wash and ream from 4,670' to 4,752'. Healed losses with 20 bbl LCM pills.		
Start Time	09:00	End Time
		09:30
Comment		
Drill 12 1/4" f/ 4,752' to 4,557" (5' - 16.6 fph) T/D-50 RPM, Motor .17 Gal/Rev RPM - 85, total- 135 RPM, 120 strokes 502 GPM, SPP 3000 psi, diff 200-250 psi, 22-25 WOB, Torque 7-9 k ft-lbs,		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	End Time	Comment
09:30	10:00	Rig Service & Tighten belts on # 1&2 pumps
Start Time	End Time	Comment
10:00	18:30	Drill 121/4" f/ 4,752' to 4,955" (203' - 40.6 fph) T/D-55 RPM, Motor .17 Gal/Rev RPM - 100, total -155 RPM, 140 strokes 590 GPM, SPP 3000 psi, diff 300-550 psi, 22-25 WOB, Torque 7-8 k ft-lbs, Slide 31' f/1Hr TF - 20 Left
Start Time	End Time	Comment
18:30	19:00	Rig Service grease top drive crown st-80
Start Time	End Time	Comment
19:00	00:00	Drill 121/4" f/ 5,135 to 5,454 (319' - 63.8 fph) T/D-55 RPM, Motor .17 Gal/Rev RPM - 100, total -155 RPM, 140 strokes 590 GPM, SPP 3000 psi, diff 300-550 psi, 22-25 WOB, Torque 7-8 k ft-lbs, Total rotate 5 hrs @ 63.8 FPH last survey @ 5,359 INC= 7.04 AZM= 150.54 TVD= 5,346.39
Report Start Date	Report End Date	24hr Activity Summary
8/3/2013	8/4/2013	Drilling ahead 12.25 Surface Hole
Start Time	End Time	Comment
00:00	17:30	Drill 121/4" f/ 5,554' to 6210" (656' - 43.7 fph) T/D-55 RPM, Motor .17 Gal/Rev RPM - 100, total -155 RPM, 140 strokes 590 GPM, SPP 3000 psi, diff 300-550 psi, 22-25 WOB, Torque 7-8 k ft-lbs, PU 190 K SO 130 K, ROT 178 K MW in 11.1 ppg Vis 65 - Out 11.1 ppg Vis 73 Slide 5612' TO 5648' 36' @ 1.5 hrs HS, 5992' TO 6017' 25' @ 1.5 hrs 20 Deg.Left, 6182' TO 6205' 25' @ 1.5 hrs 30 Deg.
Start Time	End Time	Comment
17:30	18:00	Rig Service, service top drive, st-80, Draw works, Checked oils in draw works & Gear box
Start Time	End Time	Comment
18:00	20:30	Drill & Sliding 12.25 from 6,210 to 6,337 [156- 45.1 fph] t/d=55 rpm motor=.17gpr motor rpm=100 total @ bit=155 rpm stks=140 gpm=590 @ 3,176 psi diff=300-450 psi wob=20-25 torque 7-8 ft/lbs p/u =186 d/n=165 rot=180k slide=.5 hr @ 17 ft drill= 3 hr @ 175 ft
Start Time	End Time	Comment
20:30	21:00	Rig Service grease top drive crown draw works check oil in top drive [bop drill & function test upper pipe rams]
Start Time	End Time	Comment
21:00	00:00	Drill & Sliding 12.25 from 6,337 to 6,559 [222- 74 fph] t/d=55 rpm motor=.17gpr motor rpm=100 total @ bit=155 rpm stks=140 gpm=590 @ 3,176 psi diff=300-450 psi wob=20-25 torque 7-8 ft/lbs p/u =186 d/n=165 rot=180k drill= 222 ft @ 74 fph 3 hrs last survey= 6,119 inc=6.81 azm= 150.64 tdv= 6,100.87 p/u= 201k d/n= 173k rot= 186k
Report Start Date	Report End Date	24hr Activity Summary
8/4/2013	8/5/2013	Drilling ahead 12.25 Surface Hole, Drill Side from 6557' to 6656' Down for Electrical Rig Repairs, Drill Slide from 6656' to 7,255
Start Time	End Time	Comment
00:00	02:30	Drill & Sliding 12.25 from 6,557 to 6,657 [100- 40 fph] t/d=55 rpm motor=.17gpr motor rpm=100 total @ bit=155 rpm stks=140 gpm=590 @ 3,176 psi diff=300-450 psi wob=20-25 torque 7-8 ft/lbs p/u =186 d/n=165 rot=180k slide= drill=
Start Time	End Time	Comment
02:30	08:00	Rig Repair Repair Electrical - Control System-Code (Modbus Node Chair 10 lost Communication - unknown status-6256) While Sliding lost Communication w/Mud Pumps and E-Stop set, Trouble shooting W/Nov Electrician/Pioneer Electrician is on the way. Replaced Moxxy to Wago in Driller chair, Replace line and test system, Back on Comp time @ 08:00 Hrs.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	08:00	End Time
		17:00
Comment		
Drill & Sliding 12.25 from 6,657 to 6,860 [203 - 21.3 fph] t/d=55 rpm motor=.17gpr motor rpm=100 total @ bit=155 rpm stks=140 gpm=590 @ 3,476 psi diff=300-450 psi wob=20-25 torque 7-12 ft/lbs		
Slide 6656' to 6688' 32' @ 2.5 Hrs HS TF 6846' to 6860' 14' @ 1 Hrs 10 Left TF		
Start Time	17:00	End Time
		17:30
Comment		
Rig Service check oils in top drive, draw works & rot tabs, visual on bolts & wire lock inspection, on top drive, grease st-80, draw works componits, blocks, crown section [bop drill perfered] f/t lower pipe rams		
Start Time	17:30	End Time
		00:00
Comment		
Drill & Sliding 12.25 from 6,860 to 7,261 [303 - 46.4 fph] t/d=55 rpm motor=.17gpr motor rpm=100 total @ bit=155 rpm stks=140 gpm=590 @ 3,476 psi diff=300-450 psi wob=20-25 torque 7-12 ft/lbs		
Drill 6.5 hrs @ 303 ft @ 4.6.6 fph		
p/u=226k d/n= 185k rot=197k		
last survey= 7,068 inc=7.41 azm= 153.19 tvd= 7,041.62		
Report Start Date	Report End Date	24hr Activity Summary
8/5/2013	8/6/2013	Drilling/Slide 12.25 Surface Hole from 7261' to 7,878
Start Time	00:00	End Time
		01:30
Comment		
Drill & Sliding 12.25 from 7,261 to 7,7,321 [100 - 66.6 fph] t/d=55 rpm motor=.17gpr motor rpm=100 total @ bit=155 rpm stks=140 gpm=590 @ 3,476 psi diff=300-450 psi wob=20-25 torque 7-12 ft/lbs		
Drill 1.5 hrs @ 100 ft @ 6.6.6 fph		
p/u=226k d/n= 185k rot=197k		
Start Time	01:30	End Time
		02:00
Comment		
Rig Service grease top drive rotate table		
Start Time	02:00	End Time
		02:30
Comment		
Trouble shoot MWD Tool, Attempt to get survey		
Start Time	02:30	End Time
		17:00
Comment		
Drill & Sliding 12.25 from 7,321 to 7,640 [319 - 36.4 fph] TD 55 rpm motor .17gpr motor rpm 100 total @ bit155 rpm stks 140 gpm 590 @ 3,476 psi diff300-450 psi wob 25-35 torque 7-12 ft/lbs		
PU 226 K SO185 K ROT197 K		
Slide 7321' to 7.700' 379 @ 2.6.1 Hrs 12.4 f/hr, 30 Deg. Left, Slide 7605' to 7635' 30' @ 2 Hrs 15 f/hr, HS Deg.		
Start Time	17:00	End Time
		17:30
Comment		
Rig Service clean out suction screens, grease top drive, and check draw works		
Start Time	17:30	End Time
		23:30
Comment		
Drill & Sliding 12.25 from 7,700 to 7,879 [179 - 29.8 fph] TD 60 rpm motor .17gpr motor rpm 100 total @ bit155 rpm stks 140 gpm 590 @ 3,476 psi diff300-450 psi wob 25-35 torque 7-12 ft/lbs		
PU 226 K SO185 K ROT197 K		
Slide .7,795-7,826 @ 31ft 10.3 fph [slide 10 deg. left]		
Drill ft=148 @29.6 fph		
last survey 7,637 inc= 7.15 azm= 155.12 tvd= 7,606		
Start Time	23:30	End Time
		00:00
Comment		
Safety stand down on hand placement communication and moving Equipment LOCK/OUT TAG /OUT		
Report Start Date	Report End Date	24hr Activity Summary
8/6/2013	8/7/2013	Drilling/Slide 12.25 Surface Hole from 7878' to 8,620
Start Time	00:00	End Time
		03:00
Comment		
Drill & Sliding 12.25 from 7,879 to 7,983 [104 - 34.6 fph] TD 60 rpm motor .17gpr motor rpm 100 total @ bit155 rpm stks 140 gpm 590 @ 3,476 psi diff300-450 psi wob 25-35 torque 7-12 ft/lbs		
PU 226 K SO185 K ROT197 K		
Drill 104 @ 34.6 fph		
Drill ft=148 @29.6 fph		
last survey 7,637 inc= 7.15 azm= 155.12 tvd= 7,606		
Start Time	03:00	End Time
		03:30
Comment		
Rig Service, Service pipe handler and Draw works		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	03:30	End Time
		09:30
Comment Drill & Sliding 12.25 from 7,983 to 8,174' [191 - 31.8 fph] TD 60 rpm motor .17gpr motor rpm 100 total @ bit155 rpm stks 140 gpm 590 @ 3,476 psi diff300-450 psi wob 25-35 torque 7-12 ft/lbs PU 252, SO 198, ROT 220 Slide f/8,078' to 8,111' 33' @ 2 Hrs 16.5 F/HR TF 70 Left		
Start Time	09:30	End Time
		10:30
Comment Install Slider System By Nov Rep. , Slider Rep. & Pineer Rep.		
Start Time	10:30	End Time
		16:30
Comment Drill & Sliding 12.25 from 8,174 to 8,363' [188 - 31.3 fph] TD 60 rpm motor .17gpr motor rpm 100 total @ bit155 rpm stks 140 gpm 590 @ 3,476 psi diff 300-450 psi wob 25-35 torque 7-12 ft/lbs PU 252, SO 198, ROT 220 Slide f/8,174' to 8,204' 30' @ 2 Hrs 15 F/HR TF 45 Left		
Start Time	16:30	End Time
		17:00
Comment Rig Service grease Crown, top drive assembly, st-80, elevators, visually,Draw works		
Start Time	17:00	End Time
		18:30
Comment Drill & Sliding 12.25 from 8,362 to 8,458 [96 - 64 fph] TD 60 rpm motor .17gpr motor rpm 109 total @ bit169.6 rpm stks 154 gpm 644.8 @ 4,025 psi diff 375-500 psi wob 25-35 torque 7-12 ft/lbs PU 252, SO 198, ROT 220		
Start Time	18:30	End Time
		19:30
Comment Clean out both suction screens on mud pumps, unable to get survey do to interference in mud pumps, went through pump 1'		
Start Time	19:30	End Time
		00:00
Comment Drill & Sliding 12.25 from 8,458 to 8,620 [162 - 36.0 fph] TD 60 rpm motor .17gpr motor rpm 109 total @ bit169.6 rpm stks 154 gpm 644.8 @ 4,025 psi diff 375-500 psi wob 25-35 torque 7-12 ft/lbs PU 247k, SO 204k, ROT 227k Drill 4.5 hrs @ 36 fph Last survey=8,586 inc= 6.91 azm=168.46 tvd= 8,546		
Report Start Date	Report End Date	24hr Activity Summary
8/7/2013	8/8/2013	Drilling/Slide 12.25 Surface Hole from 8,620' to 9,310'
Start Time	00:00	End Time
		03:00
Comment Drill & Sliding 12.25 from 8,620 to 8,744 [124 - 41.3 fph] TD 60 rpm motor .17gpr motor rpm 109 total @ bit169.6 rpm stks 154 gpm 644.8 @ 4,025 psi diff 375-500 psi wob 25-35 torque 7-12 ft/lbs PU 252, SO 198, ROT 220		
Start Time	03:00	End Time
		03:30
Comment Rig Service grease pipe Handler & ST-80		
Start Time	03:30	End Time
		16:30
Comment Drill & Sliding 12.25 from 8,744 to 9,121' [377' - 29 fph] TD 60 rpm motor .17gpr motor rpm 109 total @ bit169.6 rpm stks 154 gpm 644.8 @ 4,025 psi diff 375-500 psi wob 25-35 torque 7-12 ft/lbs PU 265, SO 212, ROT 239		
Start Time	16:30	End Time
		17:00
Comment Rig Service.		
Start Time	17:00	End Time
		00:00
Comment Drill & Sliding 12.25 from 9121' to 9310' [189' - 27 fph] TD 60 rpm motor .17gpr motor rpm 109 total @ bit169.6 rpm stks 154 gpm 644.8 @ 4,025 psi diff 375-500 psi wob 25-35 torque 7-12 ft/lbs PU 265, SO 212, ROT 239 . Went to 1 pump @ 120 strokes 502 gpm @ 2300 hrs to clean up gamma images with success		
Report Start Date	Report End Date	24hr Activity Summary
8/8/2013	8/9/2013	Drill from 9310' to 9440', Cir 1 x btms up load system with 10 ppb LCM, Spot LCM pill flow ckeck well static, TOO H back reaming through tight spots.
Start Time	00:00	End Time
		05:00
Comment Drill & Sliding 12.25 from 9310' to 9440' [130' - 26 fph] TD 60 rpm motor .17gpr motor rpm 85 total @ bit145 rpm stks 154 gpm 502 @ 3000 psi diff 250-275 psi wob 25-27.		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	05:00	End Time
		14:00
Comment		
Circulate 1x btms up @ 9440', Pulled shaker screens after CBU. C&CM Load system w/10ppb LCM. Burning lazy 4-5' flare while by-passing through MGS. MW 11.1+ in 11.0+ out w/3200u BGG. Put well back on flowline and BGG increase to 8500units w/no flare and .1 to .2 mud cut. Weight up 250 bbls mud in pre-mix tank to 13.6#/gal. Spot 250 heavy pill on bottom (250bbl=1491') for 11.5 emw at TD.		
Start Time	14:00	End Time
		16:00
Comment		
POOH from 9440' to 7871' (17 stds) wet.		
Start Time	16:00	End Time
		16:30
Comment		
Perform flow check for 15 mins well static, Pump 40 bbl slug @ 7871'.		
Start Time	16:30	End Time
		00:00
Comment		
TOOH from 7871' to 4500', Wipe through tight spots as follows= 7220', 7140', At 6440' started back reaming due to drag 20k over string wt. Attempt several times to pull pipe without pumping with no success.		
Report Start Date	Report End Date	24hr Activity Summary
8/9/2013	8/10/2013	Continue back reaming out of hole from 4500' to 1600', Rig Service, Slip & cut 75' Drill line, Finish TOOH L/D dir tools, P/U Bit bit sub with float install rotating head rubber, Continue TIH to 6700' wash & ream if needed.
Start Time	00:00	End Time
		06:00
Comment		
Continue back ream out of hole from 4,500' to casing shoe @ 1,600' w/80SPM w/45RPM		
Start Time	06:00	End Time
		07:00
Comment		
Rig service		
Start Time	07:00	End Time
		08:30
Comment		
Slip and cut drill line.		
Start Time	08:30	End Time
		14:30
Comment		
Finish TOOH. LD directional assembly.		
Start Time	14:30	End Time
		17:30
Comment		
Set COM make up tricone mill toothed bit. Bit sub and X-O. TIH to 1107', install rotating head rubber, Continue tripping in hole from 1107' while monitor well on trip tank fill pipe every 30 stds.		
Start Time	17:30	End Time
		00:00
Comment		
Hit tight spot @ 2220' began washing & reaming from 2168' to 2232', Continue TIH wash & ream as needed, Tight spots as follows= 2290', 2750', 3060', Fill every 30 stds monitor displacement in trip tank.		
Report Start Date	Report End Date	24hr Activity Summary
8/10/2013	8/11/2013	TIH from 6700' to 6800' wash & ream 120 stks, 45 rpm, work on both pumps due to psi loss, Rig Service, TIH from 6800' to 8500' work through tight spots if needed, Circulate btms up @ 8500' catch 13.6 pill, TIH from 8500 to btm @ 9440' Cir & condition mud while building 13.8 pill 15' flare, Rig Service, Cir & condition mud spot 250 bbl 13.8 pill, TOOH from 9440' to surface no tight spots well took proper hole fill L/D bit & sub, Pull wear bushing, HPJSM Prepare to rig up & wireline.
Start Time	00:00	End Time
		01:30
Comment		
TIH from 6700' to 6800, Tight spots @ 6800' wash and ream 120 strokes 45 rpm.		
Start Time	01:30	End Time
		03:00
Comment		
Work tight spot @ 6800', Lost psi on both pumps work on same. #1 & #2 pump change out valves valve guides cleaned suction screen & cleaned watermelons out both packed full of cuttings & LCM.		
Start Time	03:00	End Time
		03:30
Comment		
Rig Service.		
Start Time	03:30	End Time
		07:00
Comment		
Continue TIH from 6800' to 8500' Wash & ream as needed, Tight spot 6825', P/U 232K, S/O 189K, ROT 214K.		
Start Time	07:00	End Time
		09:00
Comment		
Circulate & Condition 8500' @ 80 stks OFBP 830 psi, gpm 336, @ 55 rpm, Observed 15' flare while on gas buster.		
Start Time	09:00	End Time
		10:00
Comment		
TIH from 8500' to 9379' P/U two singles to tag bottom & wash down to 9440' while on gas buster.		
Start Time	10:00	End Time
		11:30
Comment		
Circulate & Condition mud @ 9440', 90 stks, ofbp 1060 psi, gpm 378, 55 rpm, Build 250bbl 13.6 ppg mud, While rotating & working pipe, On gas buster 15' flare.		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	11:30	End Time 12:00 Comment Rig Service.
Start Time	12:00	End Time 13:00 Comment Circulate & Condition mud @ 9440', 90 stks, ofbp 1000 psi, gpm 378, 55 rpm, Build 250bbl 13.8 ppg mud & Spot.
Start Time	13:00	End Time 23:00 Comment TOOH from 9440' to surface' While monitoring well w/trip tank & strapping out of hole. Pull rotating head L/D 12.25 Bit & sub.
Start Time	23:00	End Time 23:30 Comment Held JSA, Pull wear bushing.
Start Time	23:30	End Time 00:00 Comment Rig Service
Report Start Date 8/11/2013	Report End Date 8/12/2013	24hr Activity Summary PJSMw/HES logging crew, Pioneer hands, and NFX consultant . RU Logging truck and BOP adapter w/packoff. PU Quad combo tools TIH logger TD @ 9,454' (driller TD @ 9,440'). Logged from TD to 1,635 w/no problems. Monitored well on trip tank while logging - hole static. Changed liners in #1 mud pump from 6" to 5.5". Began stripping LCM out of mud in mud tanks. RD wireline. PJSMw/HES logging crew, Pioneer hands, and NFX consultant . RU Logging truck and BOP adapter w/packoff. PU Quad combo tools TIH logger TD @ 9,454' (driller TD @ 9,440'). Logged from TD to 1,635 w/no problems. Monitored well on trip tank while logging - hole static. Changed liners in #1 mud pump from 6" to 5.5". Began stripping LCM out of mud in mud tanks. RD wireline. Rig Service. Wait on push plate to arrive from Franks WestState. Function test fill up tool, Begain running csg @ 20 fpm after first fill up started running csg @ 40 fpm center up stack to prevent collars on csg hanging up on rotateing head, Filling pipe every 25 jts ran, Monitor displacement in trip tank.
Start Time	00:00	End Time 08:30 Comment PJSMw/HES logging crew, Pioneer hands, and NFX consultant . RU Logging truck and BOP adapter w/packoff. PU Quad combo tools TIH logger TD @ 9,454' (driller TD @ 9,440'). Logged from TD to 1,635 w/no problems. Monitored well on trip tank while logging - hole static. Changed liners in #1 mud pump from 6" to 5.5". Began stripping LCM out of mud in mud tanks. RD wireline.
Start Time	08:30	End Time 14:00 Comment PJSMw/HES logging crew, Pioneer hands, and NFX consultant . RU Logging truck and BOP adapter w/packoff. PU Quad combo tools TIH logger TD @ 9,454' (driller TD @ 9,440'). Logged from TD to 1,635 w/no problems. Monitored well on trip tank while logging - hole static. Changed liners in #1 mud pump from 6" to 5.5". Began stripping LCM out of mud in mud tanks. RD wireline.
Start Time	14:00	End Time 14:30 Comment Rig Service
Start Time	14:30	End Time 16:30 Comment Wait on push plate to arrive from Franks WestState.
Start Time	16:30	End Time 00:00 Comment Function test fill up tool, Begain running csg @ 20 fpm after first fill up started running csg @ 40 fpm center up stack to prevent collars on csg hanging up on rotateing head, Filling pipe every 25 jts ran, Monitor displacement in trip tank. Ran 29 jts 9 5/8 csg, 40# L-80, BTC, @ 2004.23'.
Report Start Date 8/12/2013	Report End Date 8/13/2013	24hr Activity Summary Finish running 9 5/8" 40 # N-80 BTC casing. Running speed set @ 40'/min. Getting good returns back while lowering casing in hole. Filling casing and breaking circulation through fill tool every 2000'. Ran casing w/no problems. Tagged bottom w/casing @ 9454' casing meausurement. LD casing jt and PU landing jt and hanger. Make up landing jt and land casing in head, Ran total 238 jts 9 5/8" 40# N-80 BTC casing + landing jt. Casing set @ 9,425' TMD. RD Franks Casing tools and fill tool. Install Halliburton cement head and chiksans. Attempt to break circulation w/rig pumps. Never gained circulation pumped 715 bbls csg capacity. Held pre-job safety meeting with Halliburton cementers, Poineer & NFX Consultant, Test lines to 5000 psi test all good, Pump 40 bbl tuned spacer @ 11.3 ppg, Pumped 325 bbls lead cement @ 11.5 ppg @ 00:00, With no returns.
Start Time	00:00	End Time 18:30 Comment Finish running 9 5/8" 40 # N-80 BTC casing. Running speed set @ 40'/min. Getting good returns back while lowering casing in hole. Filling casing and breaking circulation through fill tool every 2000'. Ran casing w/no problems. Tagged bottom w/casing @ 9454' casing meausurement. LD casing jt and PU landing jt and hanger. Make up landing jt and land casing in head, Ran total 238 jts 9 5/8" 40# N-80 BTC casing + landing jt. Casing set @ 9,425' TMD.
Start Time	18:30	End Time 19:00 Comment RD Franks Casing tools and fill tool.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	19:00	End Time 22:30 Comment Install Halliburton cement head and chiksans. Attempt to break circulation w/rig pumps. Never gained circulation pumped 715 bbls csg capacity.
Start Time	22:30	End Time 00:00 Comment Held pre-job safety meeting with Halliburton cementers, Poiner & NFX Consultant, Test lines to 5000 psi test all good, Pump 40 bbl tuned spacer @ 11.3 ppg, Pumped 325 bbls lead cement @ 11.5 ppg @ 00:00, With no returns.
Report Start Date 8/13/2013	Report End Date 8/14/2013	24hr Activity Summary Finished mixing and pumping 921 bbls lead cement mixed @ 11.5ppg w/2.48cuft/sk. Started downhole w/56 bbls tail cement mixed @ 15.8 ppg w/1.15cuft/sk. Got full returns when tail cement started down hole. Displaced cement w/711 bbls OBM. Plug down @ 04:04 AM 8/13/13. Plug landed w/150 psi bumped to 800psi Released floats held. Well flowing on annulus. Shut well in w/annular preventer. Rig up HES on A-section valve prep for braden head top out. Service rig while rigging up HES. Mix and pump 345 sx Class G cement w/2% CaCL. Mixed @ 15.3 lb/gal. Annular pressure when valve opened to HES @ 250 psi. Established injection rate w/fresh water @ 2 1/2bpm 450psi. Increased to 4 bpm 480 psi. Pumped cement. Pressure down to 270 psi w/45 bbls cement pumped. Continue pumping cement @ 4BPM pumped total 72bbls cement. Final injection pressure 270 psi. Pumped 2 bbls to clear cement lines. Shut well in w/casing valve. RD HES. Wait on cement. Bleed off back side @ 140 psi on csg, Heavy flow of cement coming out shut well back in, Flush cement out of choke hose, choke, gas buster, flow line, panic line, Broke choke hose flush HCR, inside manual valve, Install choke hose back on HCR all clear of cement. While building 15.4 ppg pill in slugging tank. Start pumping 15.5 ppg mud down backside through kill line start @ 1 bpm up to 4 bpm, Csg psi 750, After pumping 40 bbls 15.5 ppg mud away psi began to decrease from 750 psi to 250 psi held for 15 mins, After 60 bbls away psi increased from 250 psi to 750 psi after 80 bbls of 15.5 ppg mud, Started transferring 11.2 ppg mud to slugging tank pump 250 bbls behind 15.5 ppg mud. Psi held @ 800 psi for remainder of job. Open annular & flow check well flowing, Shut in Monitor
Start Time	00:00	End Time 04:00 Comment Finished mixing and pumping 921 bbls lead cement mixed @ 11.5ppg w/2.48cuft/sk. Started downhole w/56 bbls tail cement mixed @ 15.8 ppg w/1.15cuft/sk. Got full returns when tail cement started down hole. Displaced cement w/711 bbls OBM. Plug down @ 04:04 AM 8/13/13. Plug landed w/150 psi bumped to 800psi Released floats held. Well flowing on annulus. Shut well in w/annular preventer.
Start Time	04:00	End Time 06:30 Comment Rig up HES on A-section valve prep for braden head top out. Service rig while rigging up HES.
Start Time	06:30	End Time 07:30 Comment Mix and pump 345 sx Class G cement w/2% CaCL. Mixed @ 15.3 lb/gal. Annular pressure when valve opened to HES @ 250 psi. Established injection rate w/fresh water @ 2 1/2bpm 450psi. Increased to 4 bpm 480 psi. Pumped cement. Pressure down to 270 psi w/45 bbls cement pumped. Continue pumping cement @ 4BPM pumped total 72bbls cement. Final injection pressure 270 psi. Pumped 2 bbls to clear cement lines. Shut well in w/casing valve. RD HES.
Start Time	07:30	End Time 08:30 Comment Wait on cement.
Start Time	08:30	End Time 10:30 Comment Bleed off back side @ 140 psi on csg, Heavy flow of cement coming out shut well back in, Pumped cement back down w/15 bbls sugar water. Flush cement out of choke hose, choke, gas buster, flow line, panic line, Broke choke hose flush HCR, inside manual valve, Install choke hose back on HCR all clear of cement.
Start Time	10:30	End Time 15:30 Comment Wait on cement.
Start Time	15:30	End Time 19:00 Comment Bleed off back side @ 566 psi on csg, Heavy flow of cement coming out shut well back in, Flush cement out of choke hose, choke, gas buster, flow line, panic line, Broke choke hose flush HCR, inside manual valve, Install choke hose back on HCR all clear of cement. While building 15.4 ppg pill in slugging tank.
Start Time	19:00	End Time 21:00 Comment Start pumping 15.5 ppg mud down backside through kill line start @ 1 bpm up to 4 bpm, Csg psi 750, After pumping 40 bbls 15.5 ppg mud away psi began to decrease from 750 psi to 250 psi held for 15 mins, After 60 bbls away psi increased from 250 psi to 750 psi after 80 bbls of 15.5 ppg mud, Started transferring 11.2 ppg mud to slugging tank pump 250 bbls behind 15.5 ppg mud. Psi held @ 800 psi for remainder of job.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	21:00	End Time	21:30
		Comment	
		Open annular & flow check well flowing, Shut back in Monitor pressure.	
Start Time	21:30	End Time	00:00
		Comment	
		Rig up Halliburton prepare for top job. Wait on Halliburton to prepare cement in town.	
Report Start Date	Report End Date	24hr Activity Summary	
8/14/2013	8/15/2013	Rig up HES prepare to pump cement, wait on cement to arrive. rig service. Prepare rig to pick up BHA, Bullhead 100 bbls 16.0 ppg mud down back side, Back out landing install packoff test same. rig service. pump 150 bbls 14.8 ppg trixtropic cement, pick up curve assembly.	
Start Time	00:00	End Time	05:00
		Comment	
		Rig up HES on both casing head valves. Prep to bullhead Thixotropic cement. Wait on cement to arrive from Halliburton yard.	
Start Time	05:00	End Time	05:30
		Comment	
		Routine rig service	
Start Time	05:30	End Time	12:00
		Comment	
		Prep rig floor for PU BHA and tools. Load BHA on racks. Off load mud from Pioneer 44 condition and build to 16.0 ppg.	
Start Time	12:00	End Time	13:00
		Comment	
		Bullhead 100 bbls 16.0 ppg WBM down 9 5/8" x 13 3/8" annulus as follows: SICP 243 psi Est injection rate @ 1BPM @383 psi casing pr. Increase rate gradually to 4bpm volumes and pressures as follows:	
		Volume	Rate
		Annular pressure	Pump pressure
		10bbls	4bpm
		787psi	551psi
		20bbls	4bpm
		826psi	529psi
		40bbls	4bpm
		697psi	454psi
		60bbls	4bpm
		510psi	222psi
		80bbls	4bpm
		338psi	41psi
		100bbls	4bpm
		292psi	27psi
		SD pumping ISIP 130 psi 5minSICP 117psi. Open well thru hydraulic choke. No flow. Open annular preventer. Well Static.	
Start Time	13:00	End Time	16:30
		Comment	
		Back out landing joint and remove from stack. MU FMC wash tool on joint of DP lower down into stack to top of mandril hanger. Wash off top of hanger w/jetting tool and wash stack w/30 bbls sugar water. Pull wash tool and LD same. Run pack off running tool on jt of DP. Run packoff and seat in head. Verify seated thru peep sight in head. Run lock down pins in on pack off. Test seals on packoff w/5000psi per FMC. Wittnessed by Drilling Foreman. Removed pack off running tool. LD FMC equipment. Install wear bushing w/FMC rep.	
Start Time	16:30	End Time	17:00
		Comment	
		Routine rig service	
Start Time	17:00	End Time	20:00
		Comment	
		PJSM RU HES to bullhead cement down 13 3/8" x 9 5/8" annulus on both valves on A-section. Test lines to 4100 psi. Est injection rate w/mud flush@ 2.5 bpm 800psi. Stepped up rate to 3 bpm. Mixed and pumped 625 sk - 150 bbls Thixotropic cement mixed @ 14.8 ppg w/yeild of 1.35 cuft/sk. Displaced lines w/5bbls sugar water. Max pressure 1400 psi. RD HES. Flush BOPE with sugar water function test same all clear of cement.	
Start Time	20:00	End Time	22:00
		Comment	
		Pick up & make up curve assembly as follows= Mud Motor, Float sub, Mule shoe sub, scribe same, Pick up NMDC install MWD tool. Latch 1 std drill pipe install rotating head rubber, air out pumps, Start testing MWD tool with no success. (MWD Tool failed).	

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	22:00	End Time 00:00
		Comment Pick up lay down 1st MWD tool, Build 2nd MWD tool program & test on ground test good. (While surface testing the 1st MWD tool, the tool did activate the pressure and vibration switch as designed. This lead us to recycling the pump (as we were using one pump at 80 strokes giving us approximately 279 GPM flow) as per MWD lead. This did not activate an MWD survey indicating a good shallow hole test. It was decided (by MWD) to utilize two pumps at 80 strokes to scivate the internal pressure switch on the tool. This did not work and it was decided by the MWD lead to shut both pumps off for 5 minutes, forcing a "hard restart" on the tool. However, once the pumps were recycled and the tool activated, the tool immediately started pulsing and did not perform as designed, thus giving no survey and a failed shallow hole test. It was decided by the MWD lead to lay this tool down and build a new tool using back up components. After the new tool was built and set in the drill string (tool carrier), the tool performed as designed during the shallow hole test.
Report Start Date 8/15/2013	Report End Date 8/16/2013	24hr Activity Summary Routine rig service, Trip in hole with curve assembly tag cement @ 9,373', Break circulation and test casing to 1500 psi w/rig pumps. Held and charted for 30 minutes. Released pressure and line up kill line and choke line, Drill cement and float equipment. Drill to 9,455' . Circ for FIT test, Line pump up on kill line. Perform FIT to 15.0ppg EMW. Released pressure and line back up to drill. Rotary drill f/9,455' to 9,525'. Slide from 9,525' t/9,556' @ Hi-side TF. 20.6'/hr. On bottom pressure 4100 psi Off bottom 3,800 psi. Diff 300 psi. Routine rig service. Slide from 9,556' to 9,747' . 20.0'/hr On bottom pressure 3600psi Off bottom 3800 psi. Diff 200-250 psi, Motor rpm 163, WOB 15-25, GPM 563 @ 160 strks/min. (KOP @ 9525').
Start Time	00:00	End Time 00:30
		Comment Routine rig service
Start Time	00:30	End Time 07:30
		Comment Trip in hole with curve assembly tag cement @ 9,373'
Start Time	07:30	End Time 09:00
		Comment Break circulation and test casing to 1500 psi w/rig pumps. Held and charted for 30 minutes. Released pressure and line up kill line and choke line.
Start Time	09:00	End Time 10:00
		Comment Drill cement and float equipment. Drill to 9,455' . Circ for FIT test.
Start Time	10:00	End Time 11:00
		Comment Line pump up on kill line. Perform FIT to 15.0ppg EMW. Released pressure and line back up to drill.
Start Time	11:00	End Time 12:30
		Comment Rotary drill f/9,455' to 9,525'
Start Time	12:30	End Time 14:00
		Comment Slide from 9,525' t/9,556' @ Hi-side TF. 20.6'/hr. On bottom pressure 4100 psi Off bottom 3,800 psi. Diff 300 psi.
Start Time	14:00	End Time 14:30
		Comment Routine rig service
Start Time	14:30	End Time 00:00
		Comment Slide from 9,556' to 9,747' . 20.0'/hr On bottom pressure 3600psi Off bottom 3800 psi. Diff 200-250 psi, Motor rpm 163, WOB 15-25, GPM 563 @ 160 strks/min. (KOP @ 9525').
Report Start Date 8/16/2013	Report End Date 8/17/2013	24hr Activity Summary Drill build curve from 9,747' to 9,840'. 93' - 20.6'/hr. On bottom psi 3800 off bottom 3600psi. Diff 200-250 psi. Motor RPM 163 Rotary RPM 25 WOB 15-25 GPM 563. Routine rig service. Drill build curve from 9,840' to 10,358'. 518' - 27.2'/hr. On bottom psi 3800 off bottom 3600. Diff 200-250 psi. Motor RPM 163 Rotary RPM 25 WOB 15-25 GPM 563. Landed Curve @ 10,358' 00:00 hrs 8/17/13.
Start Time	00:00	End Time 04:30
		Comment Drill build curve from 9,747' to 9,840'. 93' - 20.6'/hr. On bottom psi 3800 off bottom 3600psi. Diff 200-250 psi. Motor RPM 163 Rotary RPM 25 WOB 15-25 GPM 563
Start Time	04:30	End Time 05:00
		Comment Routine rig service.
Start Time	05:00	End Time 00:00
		Comment Drill build curve from 9,840' to 10,358'. 518' - 27.2'/hr. On bottom psi 3800 off bottom 3600. Diff 200-250 psi. Motor RPM 163 Rotary RPM 25 WOB 15-25 GPM 563. Landed Curve @ 10,358' 00:00 hrs 8/17/13.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

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Daily Operations

Report Start Date 8/17/2013	Report End Date 8/18/2013	24hr Activity Summary Drill from 10,538' to 10,443' (95'), Circ 1x btms up, Back ream to shoe. TIH Circ 1xbtms up, Back ream back to shoe flow ckeck no flow, Continue TOO H L/D curve assembly, Pick up lateral assembly, TIH.
Start Time 00:00	End Time 02:30	Comment Rotate out slides from 10,358' to 10,433'. On bottom torque 12K off bottom torque 6K.
Start Time 02:30	End Time 03:30	Comment CBU. Increase MW to 13.1 ppg
Start Time 03:30	End Time 05:00	Comment Planned backream out of hole from 10,443' to casing shoe.
Start Time 05:00	End Time 05:30	Comment Routine rig service
Start Time 05:30	End Time 08:30	Comment Trip back to bottom. No problems.
Start Time 08:30	End Time 10:00	Comment CBU Mix slug and fill trip tank. Max Wiper trip gas 6,040u dropped to 350u.
Start Time 10:00	End Time 12:30	Comment Planned backream out from TD to casing shoe @ 9,425'.
Start Time 12:30	End Time 20:30	Comment Pump slug @ 10443' back ream to 9 5/8 shoe @ 9423', Flow check well static, Continue tripping out of hole from 9423' monitor hole fill on trip tank.
Start Time 20:30	End Time 23:00	Comment Drain mud motor brake bit lay down curve assembly. Pick up lateral assembly Program LWD tool for 40 mins test same test good make up 8.75 bit load sources pick up & make up NMDC.
Start Time 23:00	End Time 00:00	Comment TIH from surface to 2100', Filling pipe every 2000', Monitoring displacement in trip tank.
Report Start Date 8/18/2013	Report End Date 8/19/2013	24hr Activity Summary Trip in hole w/lateral assembly f/2,100' to 9,473'. Slip and cut 120' of drill line. Routine rig service, High side tool and continue TIH w/lateral assembly. Set down @ 9,731'. Set down 55k USW Pulled 125K OSW to pull free. Attempt to wash thru tight spot w/o rotating w/no success. Not showing any motor differential while trying to wash down. Full gauge stabalizer on density tool hanging up. Made multiple attempts to wash through tight spot w/o rotation. No sucess, Pulled up above tight spot. C&CM. Build slug and fill trip tank. Pump slug and TOO H to lay down density tools. Removed sources from NDT. LD NDT PU non-mag Pony Collar. Pull motor out and break bit off. Up load program to azmithul gamma tool. Routine rig service, Flow test through tool. Make bit back up and TIH to 9525' (KOP) hi slide motor, Fill every 2000' monitor well on trip tank. Wash from KOP 9525' to 10,130' (605') with 80 strks/min 278 gpm.
Start Time 00:00	End Time 04:00	Comment Trip in hole w/lateral assembly f/2,100' to 9,473'.
Start Time 04:00	End Time 05:00	Comment Slip and cut 120' of drill line
Start Time 05:00	End Time 05:30	Comment Routine rig service
Start Time 05:30	End Time 08:00	Comment High side tool and continue TIH w/lateral assembly. Set down @ 9,731'. Set down 55k USW Pulled 125K OSW to pull free. Attempt to wash thru tight spot w/o rotating w/no success. Not showing any motor differential while trying to wash down. Full gauge stabalizer on density tool hanging up. Made multiple attempts to wash through tight spot w/o rotation. No sucess.
Start Time 08:00	End Time 09:30	Comment Pulled up above tight spot. C&CM. Build slug and fill trip tank.
Start Time 09:30	End Time 16:00	Comment Pump slug and TOO H to lay down density tools. Removed sources from NDT. LD NDT PU non-mag Pony Collar. Pull motor out and break bit off.
Start Time 16:00	End Time 16:30	Comment Up load program to azmithul gamma tool.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	16:30	End Time
		17:00
Comment		
Routine rig service		
Start Time	17:00	End Time
		22:30
Comment		
Flow test through tool. Make bit back up and TIH to 9525' (KOP) hi slide motor, Fill every 2000' monitor well on trip tank.		
Start Time	22:30	End Time
		00:00
Comment		
Wash from KOP 9525' to 10,130' (605') with 80 strks/min 278 gpm.		
Report Start Date	Report End Date	24hr Activity Summary
8/19/2013	8/20/2013	Drill from 10,443' to 10,631', Routine Rig Service, Drill Slide from 10,631' to 11,159'. Total ft drilled 716'.
Start Time	00:00	End Time
		05:00
Comment		
Drill from 10,443' to 10,631' (total rotation 161' 3.5 hrs 46/hr and 27' 1.5 hrs 18/hr)		
Start Time	05:00	End Time
		05:30
Comment		
Routine Rig Service		
Start Time	05:30	End Time
		00:00
Comment		
Drill Slide from 10,631' to 11,159'.		
Report Start Date	Report End Date	24hr Activity Summary
8/20/2013	8/21/2013	Drill from 11,159' - 11,355'. 49'/hr, Rig Service, Drill from 11,355' to 11,736' 381' @ 24.5'/hr. Rig Service, Drill from 11,736' to 11,925' 189' @ 54'/hr. Drill from 11,736' to 11,925' 189' @ 54'/hr.
Start Time	00:00	End Time
		04:00
Comment		
Drill from 11,159' - 11,355'. 49'/hr. Rotate 175' 2.5hrs 70'/hr. Slide 20' 1.5hrs 13.3'/hr		
Start Time	04:00	End Time
		04:30
Comment		
Routine rig service		
Start Time	04:30	End Time
		20:00
Comment		
Drill from 11,355' to 11,736' 381' @ 24.5'/hr.		
Start Time	20:00	End Time
		20:30
Comment		
Rig Service.		
Start Time	20:30	End Time
		00:00
Comment		
Drill from 11,736' to 11,925' 189' @ 54'/hr.		
Report Start Date	Report End Date	24hr Activity Summary
8/21/2013	8/22/2013	54'/hr. Drill from 11,925' to 12,113' 188' @ 17.9'/hr. Rig Service, 54'/hr. Drill from 12,113' to 12,246' 133' @ 33.25'/hr. Lubricate Rig, Top Drive, Traveling Blocks, Crown & Cat Walk. Drill from 12,133' to 12,702' 569' @ 43.7'/hr.
Start Time	00:00	End Time
		10:30
Comment		
Drill from 11,925' to 12,133' 188' @ 30.2'/hr. Slide 27' @ 3 hrs 9'/hr - 25' @ 3 hrs 8.3'/hr		
Start Time	10:30	End Time
		11:00
Comment		
Lubricate Rig, Top Drive, Traveling Blocks, Crown & Cat Walk		
Start Time	11:00	End Time
		00:00
Comment		
Drill from 12,133' to 12,702' 569' @ 43.7'/hr.		
Report Start Date	Report End Date	24hr Activity Summary
8/22/2013	8/23/2013	Drill Slide from 12,702' to 12,788', Rig Service, Clean up cycle, Rig Service, Drill Slide from 12,788' to 13,009'.
Start Time	00:00	End Time
		03:30
Comment		
Drill from 12,702' to 12,778' 76' 1 hr, @ 76'./hr. Slide f/12,778' to 12,788' 10' 2.5 Hr, @ 4'/hr TF 70		
Start Time	03:30	End Time
		04:00
Comment		
Rig Service		
Start Time	04:00	End Time
		07:30
Comment		
Cleanup Cycle, F/ 2,788 to 12,639', Circulate Btms up working Stand, Rack back stand Circulate Btms. up working Stand Rot 90 RPM, 160 Stks 563 gpm On Btm 4032 psi Off Btm 3950 psi		
Start Time	07:30	End Time
		16:30
Comment		
Drill from 12,778' to 12,871' 93' @ 10.3 fph.		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	16:30	End Time
		17:00
Start Time	17:00	End Time
		00:00
Report Start Date	Report End Date	24hr Activity Summary
8/23/2013	8/24/2013	Drill Slide from 13,009' to 13,156', 147' Rig Service, BOP Drill, Drill Slide from 13,156' to 13,347'. 191' Rig Service, Drill Slide from 13,347' to 13,650' 303' 25 fph.
Start Time	00:00	End Time
		02:30
Start Time	02:30	End Time
		03:00
Start Time	03:00	End Time
		11:30
Start Time	11:30	End Time
		12:00
Start Time	12:00	End Time
		00:00
Report Start Date	Report End Date	24hr Activity Summary
8/24/2013	8/25/2013	Drill Slide from 13,650' to 13,725', 75' Rig Service, Drill Slide from 13,725' to 14,104'. 379' Rig Service, Circ Work pipe / Cleanup Cycle, Drill Slide from 14,104' to 14,115' motor stalled 4 times circulate 2x btms up prepare TOO H.
Start Time	00:00	End Time
		02:00
Start Time	02:00	End Time
		02:30
Start Time	02:30	End Time
		13:30
Start Time	13:30	End Time
		14:00
Start Time	14:00	End Time
		21:30
Start Time	21:30	End Time
		23:00
Start Time	23:00	End Time
		00:00
Report Start Date	Report End Date	24hr Activity Summary
8/25/2013	8/26/2013	Rig Service, Circulate & Condition Hole for Trip, Flow Check, Pump Slug, TOO H, Pull Head Rubber, LD Dir Tools, Bit & Motor, PU New Motor & MWD Scribe & Test, PU Bit, Rig Service, Trip in hole to 9494' (71') below shoe, Slip & cut drill line.
Start Time	00:00	End Time
		00:30
Start Time	00:30	End Time
		02:00
Start Time	02:00	End Time
		12:30
Start Time	12:30	End Time
		13:00
Start Time	13:00	End Time
		14:00

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	14:00	End Time
	15:00	Comment
Start Time	15:00	End Time
	17:00	Comment
Start Time	17:00	End Time
	17:30	Comment
Start Time	17:30	End Time
	23:00	Comment
Start Time	23:00	End Time
	00:00	Comment
Report Start Date	Report End Date	24hr Activity Summary
8/26/2013	8/27/2013	Rig Service, Orient Tool Face, BOP Drill, Drill Slide f/14,115' to 14,191' , lost 1200 psi PP, Check pumps/Lines, TIH from 14,191' to 9773' found set screw blown out on agitator L/D same, Rig service, TIH wash last 100' to btm, Drill Slide from 14,191' to 14,240'.
Start Time	00:00	End Time
	00:30	Comment
Start Time	00:30	End Time
	04:30	Comment
Start Time	04:30	End Time
	05:00	Comment
Start Time	05:00	End Time
	08:00	Comment
Start Time	08:00	End Time
	10:30	Comment
Start Time	10:30	End Time
	17:00	Comment
Start Time	17:00	End Time
	17:30	Comment
Start Time	17:30	End Time
	21:00	Comment
Start Time	21:00	End Time
	00:00	Comment
Report Start Date	Report End Date	24hr Activity Summary
8/27/2013	8/28/2013	Drill Slide from 14,240' to 14,493', 253' 63.2f/hr Rig Service, Drill Slide from 14,493' to 14,986' (493') 41.0 fph. Rig Service, Drill Slide from 14,486' to 15,103' (617') 88.1 fph.
Start Time	00:00	End Time
	04:00	Comment
Start Time	04:00	End Time
	04:30	Comment
Start Time	04:30	End Time
	16:30	Comment
Start Time	16:30	End Time
	17:00	Comment
Start Time	17:00	End Time
	00:00	Comment
Report Start Date	Report End Date	24hr Activity Summary
8/28/2013	8/29/2013	Drill Slide from 15,103' to 15,150' (47') 23.5 fph. Rig Service, Drill Slide from 15,150' to 15,195' (45') 16.6 f/hr, Circulate cleanup cycle, Drill Slide from 15,195' to 15,270' (75') 15 f/hr

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	00:00	End Time
	02:00	Comment
Start Time	02:00	End Time
	02:30	Comment
Start Time	02:30	End Time
	06:00	Comment
Start Time	06:00	End Time
	10:00	Comment
Start Time	10:00	End Time
	16:30	Comment
Start Time	16:30	End Time
	17:00	Comment
Start Time	17:00	End Time
	19:30	Comment
Start Time	19:30	End Time
	20:00	Comment
Start Time	20:00	End Time
	00:00	Comment
Report Start Date	Report End Date	24hr Activity Summary
8/29/2013	8/30/2013	Drill/Slide from 15,428' to 16,042' (614') 25.6 fph
Start Time	00:00	End Time
	17:00	Comment
Start Time	17:00	End Time
	17:30	Comment
Start Time	17:30	End Time
	21:00	Comment
Start Time	21:00	End Time
	21:30	Comment
Start Time	21:30	End Time
	00:00	Comment
Report Start Date	Report End Date	24hr Activity Summary
8/30/2013	8/31/2013	Drill/Slide from 16,042' to 16,289' (247') 19.8 fph. Cleanup cycle 3 bottoms up and work pipe. Drill/Slide from 16,289' to 16,354' (65') 14.4fph.
Start Time	00:00	End Time
	12:30	Comment
Start Time	12:30	End Time
	13:00	Comment
Start Time	13:00	End Time
	19:00	Comment
Start Time	19:00	End Time
	00:00	Comment
Report Start Date	Report End Date	24hr Activity Summary
8/31/2013	9/1/2013	Drill/Slide from 16,354' to 17,133' (779') 33.8fph
Start Time	00:00	End Time
	05:00	Comment
Start Time	05:00	End Time
	05:30	Comment
Start Time	05:30	End Time
	12:30	Comment

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	12:30	End Time
		13:00
Start Time	13:00	End Time
		00:00
Report Start Date	Report End Date	24hr Activity Summary
9/1/2013	9/2/2013	Drill/Slide from 17,133' to 18,145' (1,012') 44 fph
Start Time	00:00	End Time
		00:30
Start Time	00:30	End Time
		01:00
Start Time	01:00	End Time
		14:00
Start Time	14:00	End Time
		14:30
Start Time	14:30	End Time
		00:00
Report Start Date	Report End Date	24hr Activity Summary
9/2/2013	9/3/2013	Drill/Slide from 18,145' to 19,117' (972') 64.8 fph. Circulate and Condition Hole with 4 bottoms up. Raise mud weight from 12.7ppg to 12.8ppg. 15min flow check. No flow. Short trip f/ 19,117' to 18,371'.
Start Time	00:00	End Time
		05:30
Start Time	05:30	End Time
		06:00
Start Time	06:00	End Time
		14:00
Start Time	14:00	End Time
		14:30
Start Time	14:30	End Time
		15:30
Start Time	15:30	End Time
		23:00
Start Time	23:00	End Time
		00:00
Report Start Date	Report End Date	24hr Activity Summary
9/3/2013	9/4/2013	Short Trip f/ 18,371' to 14,000'. TIH back to 14,000. Washed down from 16,440' to 19,117'. Circulate 5 bottoms up.
Start Time	00:00	End Time
		04:30
Start Time	04:30	End Time
		05:00
Start Time	05:00	End Time
		14:00
Start Time	14:00	End Time
		14:30
Start Time	14:30	End Time
		15:00

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	15:00	End Time
		00:00
Comment		
Circulate 5 bottoms up at 100 RPM & 455 GPM w/12.85ppg MW in and 12.9ppg mw out 53 vis both ways. Work full string of pipe during circulation. Max trip gas-5,619 units.		
Report Start Date	Report End Date	24hr Activity Summary
9/4/2013	9/5/2013	TOOH from 19,117' to surface. Lay down directional tools and bit. Slip and cut 172' drill line. Spot Halliburton wireline and logging trucks. Make up toolpusher logs.
Start Time	00:00	End Time
		03:00
Comment		
Continue clean up cycle @ 457 gpm w/100 rpm on TDU. Reciprocated pipe full stand while circulating. Mixed slug and prep for TOOH.		
Start Time	03:00	End Time
		03:30
Comment		
Routine rig service		
Start Time	03:30	End Time
		15:00
Comment		
Flow check well (no flow) and pump slug. Dropped rabbit down drill pipe w/100' of .092 wire attached. TOOH SLM(steel line measure) DP. TOOH from 19,117' to 3,500'. Hole took proper fill and was slick.		
Start Time	15:00	End Time
		15:30
Comment		
Routine rig service.		
Start Time	15:30	End Time
		17:30
Comment		
TOOH from 3,500' to 2,977'. SLM DP Layed down agitator and finished trip from 2,977' to 91'(BHA). Hole took proper fill and was slick. No correction needed for strap.		
Start Time	17:30	End Time
		18:00
Comment		
Pulled rotating rubber.		
Start Time	18:00	End Time
		19:30
Comment		
Lay down Directional tools and bit.		
Start Time	19:30	End Time
		20:30
Comment		
Slip and cut 165' of drill line		
Start Time	20:30	End Time
		21:00
Comment		
Routine rig service		
Start Time	21:00	End Time
		00:00
Comment		
Spot in Halliburton Trucks. Make up tools. Pick up Halliburton Toolpusher Logs with a triple combo and Oil based image log.		
Report Start Date	Report End Date	24hr Activity Summary
9/5/2013	9/6/2013	Finish making up tools. Test logging tools. RIH 1 min/stand with TPLs from surface to 9,412'. HPJSM w/HES. CBU at 4bbls/min while rigging up tools necessary to run TPLs. Made modifications to derrick board with welder to facilitate haning sheaves from derrick. Hang sheaves in derrick. Make up crossovers and side entry sub. Run in with wet connect. Made two attempts to to connect wireline to tool. Established connection on second attempt. Continue to TIH from 9,420.75 to 17,092' at 40'/min.
Start Time	00:00	End Time
		01:30
Comment		
Finish making up Halliburton logging tools. Test tools with wireline. Total length of halliburton tools-114' feet		
Start Time	01:30	End Time
		06:00
Comment		
TIH at 1 min per stand with logging tools to 4,750'. Circulate bottoms up at 4bbls/min.		
Start Time	06:00	End Time
		08:00
Comment		
TIH at 1 min per stand with logging tools to 9,298. End of logging tool string @ 9,412'.		
Start Time	08:00	End Time
		11:00
Comment		
Held PJSM w/HES. CBU at 4bbls/min while rigging up logging tools necessary to run TPLs.		
Start Time	11:00	End Time
		12:30
Comment		
Made modifications on derrick board w/welder to facilitate hanging sheave from derrick.		
Start Time	12:30	End Time
		13:00
Comment		
Routine rig service		
Start Time	13:00	End Time
		15:00
Comment		
Hang wire line sheave in derrick. MU crossovers and side entry sub in drill string. 2 crossovers and sub length-8.75'. Run in w/wet connect tool to 9,300' Wire Line measurement. Correct wire line depth to 9298.4'. Made two attempts to connect wireline to tool. Established connection on second attempt.		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time	15:00	End Time
		00:00
Comment		
Continue to TIH with HES TPL's from 9,420.75' to 17,092' @ 40ft/min (depths include length of log tools, side entry sub, and crossovers)		
Report Start Date	Report End Date	24hr Activity Summary
9/6/2013	9/7/2013	TIH with TPLs f/ 17,120' to 18,787'. Log lateral section at 25'/min from 18,787' to 13,615'. Slow logging speed to 15'/min and continue logging lateral and curve from 13,615' to 9,412'. Laydown side entry sub and 2 crossovers. Rig down HES wireline sheaves. POOH with logging tools while LDDP f/ 9,412' to 5,888'.
Start Time	00:00	End Time
		00:30
Comment		
Routine rig service		
Start Time	00:30	End Time
		02:00
Comment		
TIH with TPLs from 17,120' to 18,787' at 40ft/min. Hole is slick.		
Start Time	02:00	End Time
		17:00
Comment		
Log lateral section from 18,787' to 13,615' at 25ft/min. Hole slick slowed logging speed to 15'/min @13,615' due to distortion in image log. Continue logging @ 15'/min from 13,615' to 9,412'.		
Start Time	17:00	End Time
		17:30
Comment		
Rig service		
Start Time	17:30	End Time
		19:30
Comment		
Lay down side entry sub and 2 crossovers. Rig down HES sheaves and wireline unit.		
Start Time	19:30	End Time
		20:00
Comment		
Routine rig service		
Start Time	20:00	End Time
		00:00
Comment		
POOH with logging tools while LDDP f/ 9,412' to 5,888'.		
Report Start Date	Report End Date	24hr Activity Summary
9/7/2013	9/8/2013	Finish LDDP. Lay down HES logging tools. RU Frank's casing crew. Make up float equipment, landing collar, and RSI. Run 171 toal joints of 5.5" 20# P-110 Buttress XP casing.
Start Time	00:00	End Time
		05:00
Comment		
TOOH LD 5" drill pipe.		
Start Time	05:00	End Time
		07:30
Comment		
Spot HES logging truck. LD logging tools and RD & release HES.		
Start Time	07:30	End Time
		08:30
Comment		
Pull wearbushing. Rig down bales and elevators.		
Start Time	08:30	End Time
		12:00
Comment		
PJSM w/Franks-Westates, Tenaris Thread rep, and RSI hand. RU TAWG tool and 18' bales. RU 350 ton slips and elevators. RU torque-turn equipment.		
Start Time	12:00	End Time
		15:00
Comment		
Make up float equipment, landing collar and RSI. Sting in w/TAWG tool. Function test float equipment - OK. Run casing filling every 2,000'.		
Report Start Date	Report End Date	24hr Activity Summary
9/8/2013	9/9/2013	Run casing 7,154'-9,414' (224 total joints). Safety stand down. Circulate BU at shoe. Run Casing from 9,414' to 19,080' (461 total joints run).
Start Time	00:00	End Time
		00:30
Comment		
Routine rig service		
Start Time	00:30	End Time
		02:00
Comment		
Stop work for safety stand down. Reviewed procedures and discussed SWA, body placement, and complacency.		
Start Time	02:00	End Time
		04:30
Comment		
Run 5.5" 20# P-110 Buttress XP casing from 7,154' to 9,414' (288 total Joints)		
Start Time	04:30	End Time
		06:00
Comment		
Circulate bottoms up at 9 5/8" casing shoe.		
Start Time	06:00	End Time
		09:00
Comment		
Run 5.5" 20# P-110 Buttress XP casing from 9,414' to 11,327'. Fill pipe every 2000'. 270 total joints run.		
Start Time	09:00	End Time
		10:00
Comment		
Pull 350 ton slips and install rotating head. Replace slips.		
Start Time	10:00	End Time
		10:30
Comment		
Rig Service		

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

Start Time 10:30	End Time 00:00	Comment Run 5.5" 20# P-110 Buttress XP casing from 11,327" to 19,080'. Fill pipe every 2000'. 461 total joints run. Had trouble getting joint 461 down slacked off to 50Klbs. Washed joint 461 down at 15SPM which improved slackoff to 120Klbs. Casing shoe at 19,080', Float collar at 19,036.5'. Picked up tag joint. Went 5' in on tag joint took full string weight. Worked joint up and down. Unable to go farther than 5' without washing. Lay tag joint down.
Report Start Date 9/9/2013	Report End Date 9/10/2013	24hr Activity Summary RD Franks. Rig up rotating cement head. Circulate while spotting in and rigging up HES. HPJSM with HES. Finish rigging up HES. Pressure test. Pump Nitrogen cement job and displace. Shut well in monitor pressure on choke. Wait on cement. Verify no pressure on backside. Open choke with no flow. ND BOPE. Clean steel pits.
Start Time 00:00	End Time 06:30	Comment Rig up Franks Rotating cement head. Begin Circulating at 15spm. Hole began to pack off. Shut pumps down and picked up 9 feet and circulated at 15spm. No further indications of packing off. Walked pumps up to 47spm (4bbls/min). Began rotating with 10k ft-lbs torque @5rpm. Torque dropped off to 8k ft-lbs. Tried working pipe down torque came up to 12k ft-lbs. Picked back up and circulated while spotting in halliburton and rigging down franks. Rig up halliburton cementers. During circulation bottoms up gas peaked at 7500units. Diverted flow to gas buster. Had intermittent 25' flare. At bottoms up (10,440 strokes) flare died down. Diverted flow back to shakers. Gas detector read 400 units. Backed strokes down from 47spm to 35spm to control losses
Start Time 06:30	End Time 07:00	Comment HPJSM with Halliburton cementers. Continue to circulate. Slowed pumps from 35spm to 30spm. Gas was 350units.
Start Time 07:00	End Time 16:00	Comment Rig up halliburton hardlines to rotating cement head. Pump Cement job as follows: 1.) Pressure test cement lines to 7,000 psi hold pressure while testing Nitrogen lines 2.) Pressure test nitrogen lines to 8,000 psi. Bleed off in reverse order. 3.) Pump 40 bbls of tuned spacer III with surfactant at 13.8ppg-4bpm 4.) Pump 391.82 bbls of TergoVis I at 4bpm 1.) Mixed at 14.5lb/gal, 1.73 ft3/sk, 10.04gal/sk 5.) Pump 98 bbls (430 sacks) of conventional lead at 4 bpm 1.) Mixed at 14.5 lb/gal, 1.28 Ft3t/sk, 6.04gal/sk 2.) Bring on foamer at 85bbls away-102.3 gal needed for job 3.) Bring on nitrogen at 90 bbls away-180,000 scf needed for job plus cooldown 6.) Pump 348 bbls (915 sks) of foamed lead-4bpm 1.) Mixed at 17.3 ppg, 1.84 Ft3/sk, 7.45 gal/sk 2.) Foamed to 14.5ppg, 2.138 cubic feet/sack 7.) Pump 16.4 bbls (50 sks of unfoamed tail- 4bpm 1.) 17.3 ppg, 1.84Ft3/sack, 7.50 gal/sk 8.) Shutdown, wash up to 3 sided peak tank and not on top of plug, drop plug. 9.) Pump 10bbls of MMCR water (0.2 gal/bbl)- 4bpm 10.) Pump 390 bbls of Cla-Web water at 2-4 bpm 1.) During displacement HES pump truck started to knock and seemed to suck air. Rate was reduced to 2bpm and pressure fluctuated from 2800psi to 4000psi. HES washed out secondary pump truck and switched over to other pump truck 360bbls into displacement. 11.) Pump 22 bbls of Cla web water at 2 bpm to bump plug. 12.) Did not bump plug. Pumped half the shoe track which equaled 0.5bbls. 13.) Held 2730+ for 5 minutes. Pressure slowly increased. 14.) Bled back 0.25 bbls. Floats held. 15.) Shut well in and monitor pressures.

NEWFIELD**Summary Rig Activity****Well Name: Ute Tribal 4-1-12-3-4WH**

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Start Time	16:00	End Time	17:30	Comment
				WOC while rigging down Halliburton hardlines from floor and pump trucks. Begin to clean pits and prep to flush stack, mud pumps, lines, and start changing out liners on pump #1. Clean rig floor and prep stack for nipple down.
Start Time	17:30	End Time	18:00	Comment
				Routine rig service.
Start Time	18:00	End Time	00:00	Comment
				Open back side with no pressure. No flow. Flush stack and mud lines with water and soap. Begin ND BOPE. Cleaning steel pits.
Report Start Date	Report End Date	24hr Activity Summary		
9/10/2013	9/11/2013	Continue cleaning pits. Lay over BOPE. LD RCH. Attach tubing head and frac valve to wellhead. Clean Rig floor. LDDP in derrick. Release rig at midnight.		
Start Time	00:00	End Time	03:00	Comment
				Pick up BOPE. Cut off 5.5" casing. Lay BOPE over on wrangler. Break off joint of 5.5" casing from RCH. Lay down same. Continue cleaning pits.
Start Time	03:00	End Time	06:00	Comment
				NU tubing head, frac valve, and night cap. Pressure test seals on DSA, tubing head and slips to 8400 psi. Prep floor for LDDP. Lay down casing bales and rig up rig bales and elevators. Flush top drive and kelly hose. Continue cleaning pits
Start Time	06:00	End Time	07:00	Comment
				Clean rig floor. Held PJSM/ JSA on laying down DP out of mousehole.
Start Time	07:00	End Time	07:30	Comment
				Routine Rig service
Start Time	07:30	End Time	00:00	Comment
				LDDP and HWDP out of mousehole. Continue to clean rig tanks and peak equipment. Rig Released @ Midnight